

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130318.D
 Acq On : 19 Sep 2022 13:27
 Operator : CG\JU
 Sample : PB147677BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147677BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 19 15:09:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	115642	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	459653	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	233246	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	381193	20.000	ng	0.00
76) Chrysene-d12	13.804	240	227924	20.000	ng	0.00
86) Perylene-d12	15.186	264	188126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	896370	134.443	ng	0.02
7) Phenol-d6	6.304	99	1082136	129.716	ng	0.00
23) Nitrobenzene-d5	7.234	82	713388	79.290	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	333502	149.222	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1328207	82.922	ng	0.00
79) Terphenyl-d14	12.757	244	1315976	95.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	100261	32.743	ng	98
3) Pyridine	3.069	79	262500	32.863	ng	99
4) n-Nitrosodimethylamine	3.028	42	172979	39.817	ng	95
6) Aniline	6.328	93	427700	41.610	ng	98
8) 2-Chlorophenol	6.445	128	344205	45.320	ng	95
9) Benzaldehyde	6.210	77	204312	36.562	ng	94
10) Phenol	6.316	94	415205	42.470	ng	87
11) bis(2-Chloroethyl)ether	6.404	93	311318	44.149	ng	97
12) 1,3-Dichlorobenzene	6.598	146	369511	44.216	ng	98
13) 1,4-Dichlorobenzene	6.681	146	377749	44.326	ng	98
14) 1,2-Dichlorobenzene	6.828	146	358181	44.992	ng	98
15) Benzyl Alcohol	6.810	79	283623	42.880	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.945	45	422887	41.118	ng	97
17) 2-Methylphenol	6.928	107	265176	42.951	ng	98
18) Hexachloroethane	7.169	117	146560	43.629	ng	98
19) n-Nitroso-di-n-propyla...	7.086	70	239869	42.611	ng	96
20) 3+4-Methylphenols	7.081	107	337500	42.081	ng	# 88
22) Acetophenone	7.081	105	488232	43.445	ng	99
24) Nitrobenzene	7.251	77	364205	39.866	ng	95
25) Isophorone	7.492	82	640926	44.198	ng	99
26) 2-Nitrophenol	7.563	139	177151	47.303	ng	95
27) 2,4-Dimethylphenol	7.610	122	288510	50.033	ng	98
28) bis(2-Chloroethoxy)met...	7.704	93	382885	46.891	ng	99
29) 2,4-Dichlorophenol	7.804	162	276097	43.693	ng	97
30) 1,2,4-Trichlorobenzene	7.886	180	292942	42.879	ng	97
31) Naphthalene	7.969	128	988597	41.747	ng	99
32) Benzoic acid	7.745	122	202544	45.421	ng	97
33) 4-Chloroaniline	8.022	127	320424	35.577	ng	96
34) Hexachlorobutadiene	8.081	225	186744	42.771	ng	97
35) Caprolactam	8.398	113	85132m	46.995	ng	
36) 4-Chloro-3-methylphenol	8.504	107	304117	43.420	ng	96
37) 2-Methylnaphthalene	8.657	142	639987	42.387	ng	99
38) 1-Methylnaphthalene	8.757	142	599516	41.333	ng	99
40) 1,2,4,5-Tetrachloroben...	8.822	216	292413	45.938	ng	99
41) Hexachlorocyclopentadiene	8.810	237	394299	115.699	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	196420	44.214	ng	95

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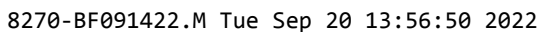
Quant Time: Sep 19 15:09:27 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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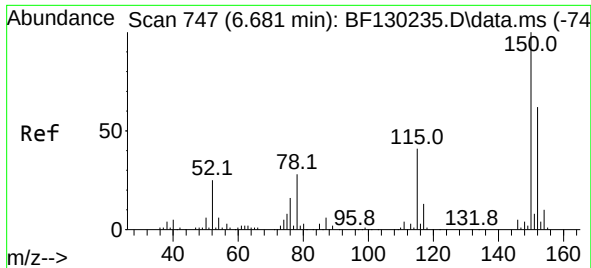
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	206258	43.025	ng	98
46) 1,1'-Biphenyl	9.122	154	768238	44.101	ng	99
47) 2-Chloronaphthalene	9.145	162	597746	42.419	ng	98
48) 2-Nitroaniline	9.245	65	187696	39.936	ng	93
49) Acenaphthylene	9.557	152	886230	41.945	ng	99
50) Dimethylphthalate	9.433	163	686013	42.579	ng	98
51) 2,6-Dinitrotoluene	9.486	165	149147	44.263	ng	96
52) Acenaphthene	9.727	154	649842m	46.812	ng	
53) 3-Nitroaniline	9.657	138	124469	33.151	ng	94
54) 2,4-Dinitrophenol	9.763	184	157870	85.871	ng	92
55) Dibenzofuran	9.904	168	810523	41.977	ng	97
56) 4-Nitrophenol	9.827	139	243689	89.110	ng	# 82
57) 2,4-Dinitrotoluene	9.892	165	196182	45.556	ng	90
58) Fluorene	10.239	166	651606	41.264	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	159184	42.424	ng	96
60) Diethylphthalate	10.127	149	674489	41.746	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	303611	43.829	ng	95
62) 4-Nitroaniline	10.274	138	154381	40.930	ng	91
63) Azobenzene	10.398	77	652498	39.220	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	95924	45.205	ng	94
66) n-Nitrosodiphenylamine	10.357	169	553447	43.448	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	190750	45.361	ng	94
68) Hexachlorobenzene	10.780	284	219023	45.947	ng	# 92
69) Atrazine	10.886	200	180791	48.566	ng	99
70) Pentachlorophenol	10.980	266	242779	94.898	ng	99
71) Phenanthrene	11.198	178	898374	41.977	ng	100
72) Anthracene	11.251	178	907396	43.935	ng	99
73) Carbazole	11.410	167	817243	43.845	ng	99
74) Di-n-butylphthalate	11.745	149	1015895	45.198	ng	99
75) Fluoranthene	12.380	202	887446	42.912	ng	99
77) Benzidine	12.510	184	470751	71.149	ng	99
78) Pyrene	12.610	202	880390	44.154	ng	99
80) Butylbenzylphthalate	13.233	149	353862	47.906	ng	96
81) Benzo(a)anthracene	13.792	228	649979	42.867	ng	99
82) 3,3'-Dichlorobenzidine	13.762	252	195395	47.341	ng	99
83) Chrysene	13.827	228	598696	41.585	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	430882	50.927	ng	98
85) Di-n-octyl phthalate	14.404	149	608577	47.027	ng	98
87) Indeno(1,2,3-cd)pyrene	16.509	276	599703	44.953	ng	99
88) Benzo(b)fluoranthene	14.804	252	592882m	48.285	ng	
89) Benzo(k)fluoranthene	14.827	252	510938	42.301	ng	99
90) Benzo(a)pyrene	15.133	252	483028	49.654	ng	97
91) Dibenzo(a,h)anthracene	16.533	278	518996	47.422	ng	99
92) Benzo(g,h,i)perylene	16.915	276	514273	46.648	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

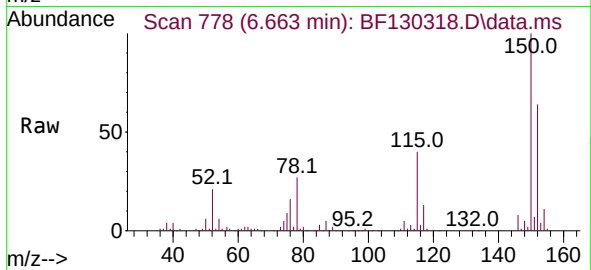
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.663 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27

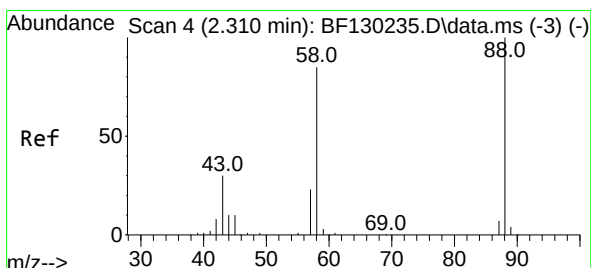
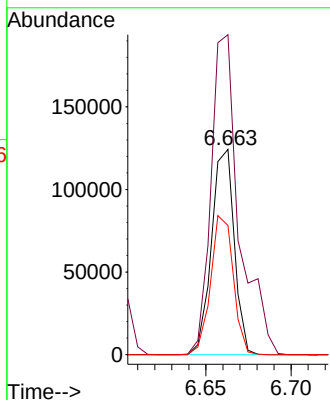
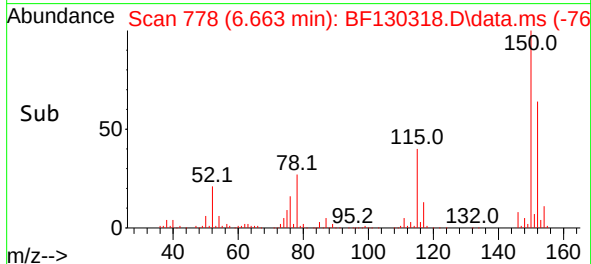
Instrument :
 BNA_F
 ClientSampleId :
 PB147677BS



Tgt Ion:152 Resp: 115642
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.8 184.2
 115 63.0 53.8 80.8

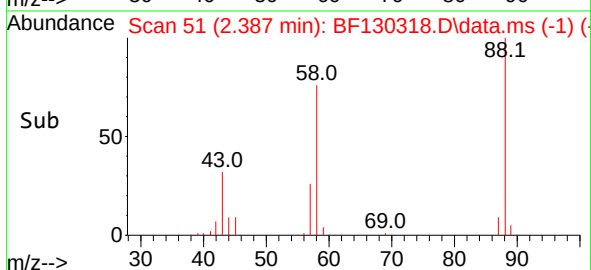
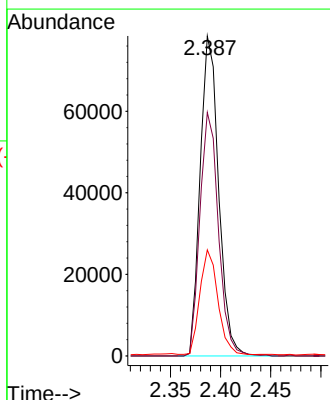
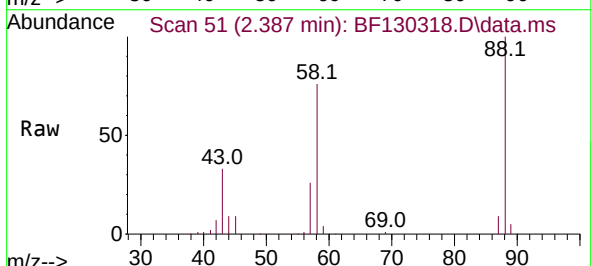
Manual Integrations
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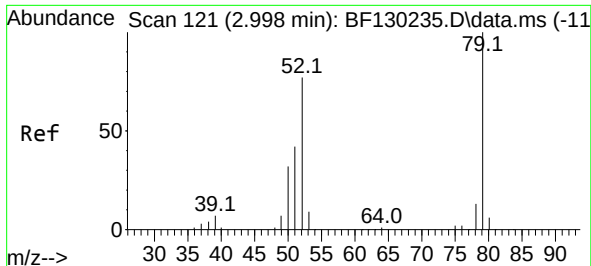
Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022



#2
 1,4-Dioxane
 Concen: 32.743 ng
 RT: 2.387 min Scan# 51
 Delta R.T. 0.100 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27

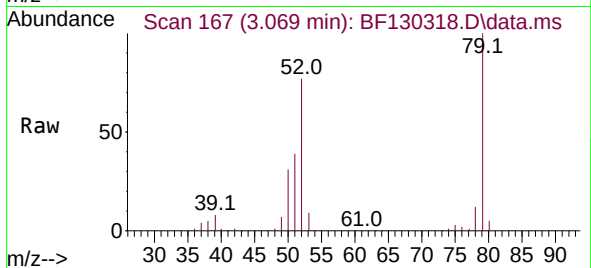
Tgt Ion: 88 Resp: 100261
 Ion Ratio Lower Upper
 88 100
 58 76.3 61.3 91.9
 43 31.7 23.0 34.6





#3
Pyridine
Concen: 32.863 ng
RT: 3.069 min Scan# 10
Delta R.T. 0.100 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

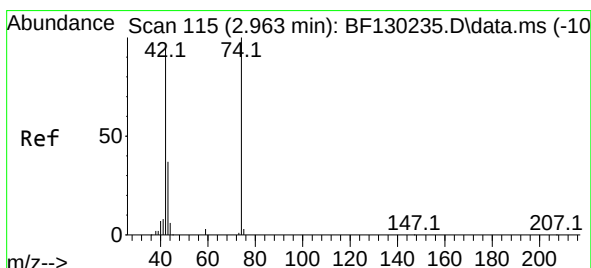
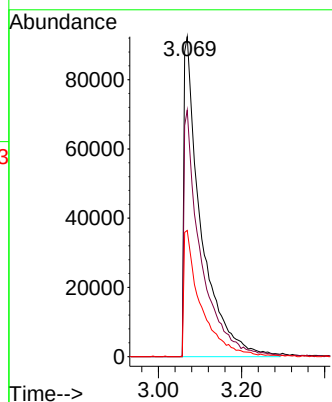
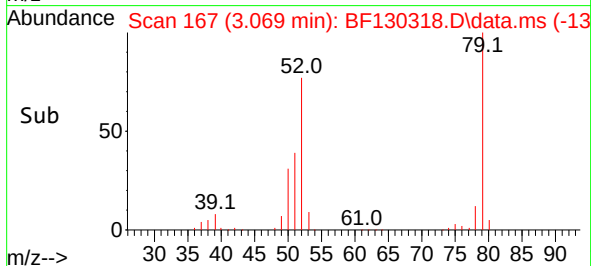
Instrument :
BNA_F
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PB147677BS



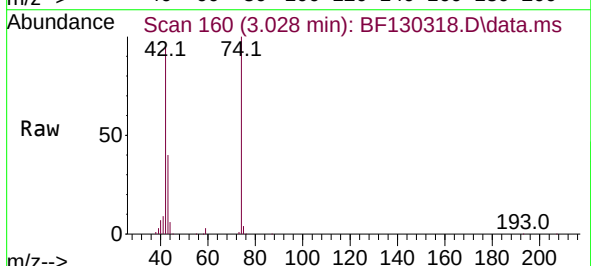
Tgt Ion: 79 Resp: 262500
Ion Ratio Lower Upper
79 100
52 77.0 62.4 93.6
51 39.4 32.2 48.4

Manual Integrations
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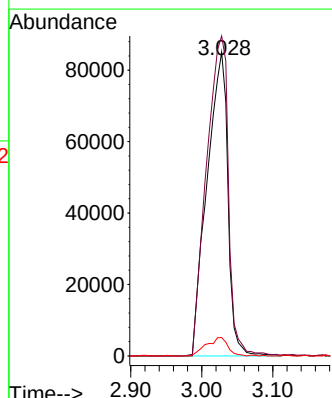
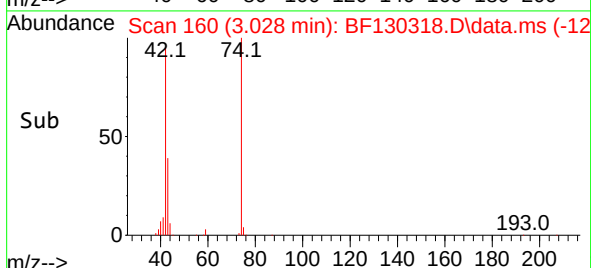
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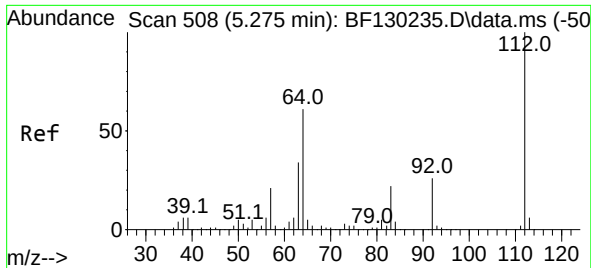


#4
n-Nitrosodimethylamine
Concen: 39.817 ng
RT: 3.028 min Scan# 160
Delta R.T. 0.088 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion: 42 Resp: 172979
Ion Ratio Lower Upper
42 100
74 105.4 88.4 132.6
44 6.0 5.0 7.4





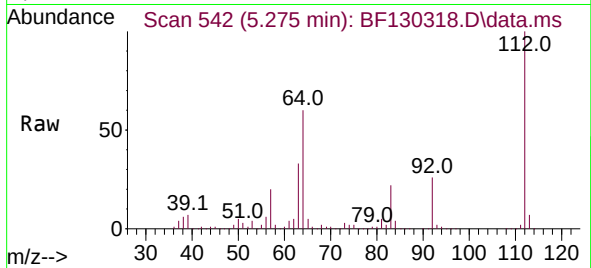
#5
2-Fluorophenol
Concen: 134.443 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

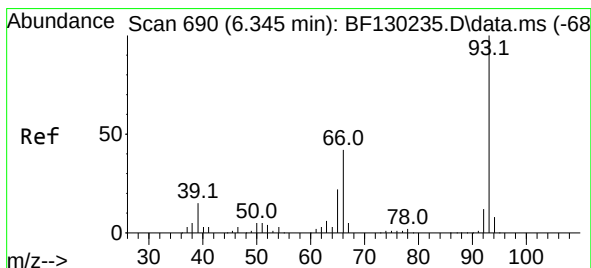
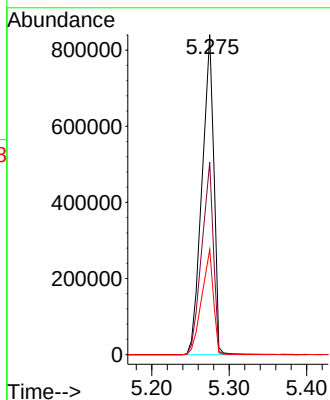
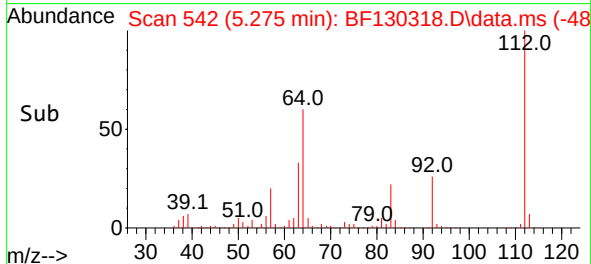


Tgt Ion:112 Resp: 896370
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 32.8 28.8 43.2

Manual Integrations

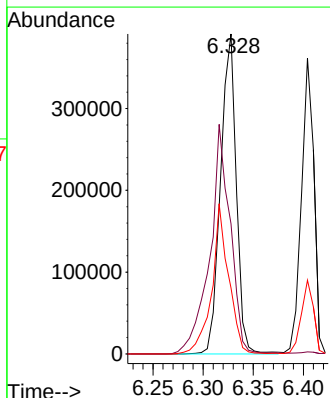
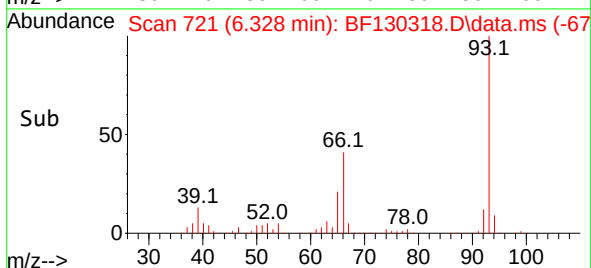
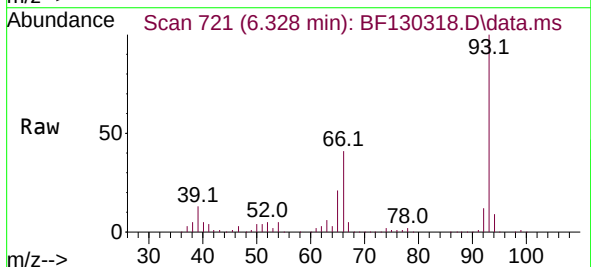
APPROVED

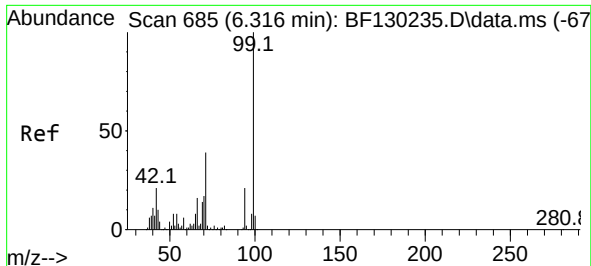
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#6
Aniline
Concen: 41.610 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

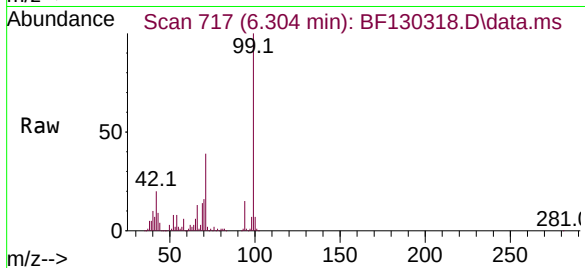
Tgt Ion: 93 Resp: 427700
Ion Ratio Lower Upper
93 100
66 40.7 34.2 51.4
65 20.6 16.6 24.8





#7
Phenol-d6
Concen: 129.716 ng
RT: 6.304 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

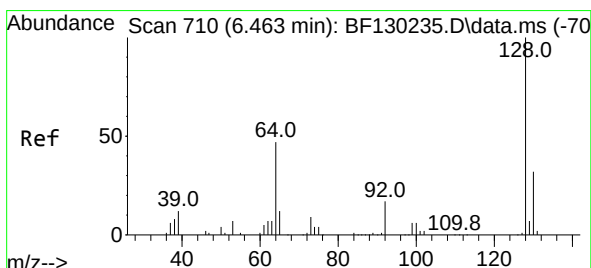
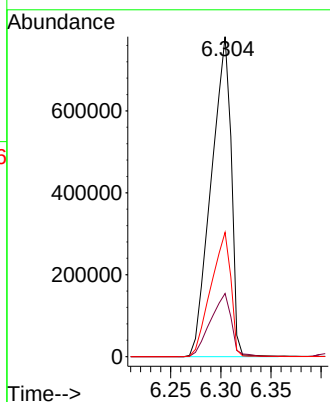
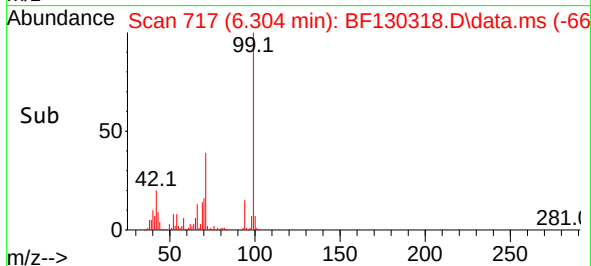
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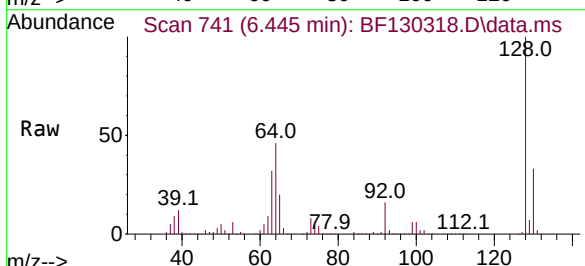
Tgt Ion: 99 Resp: 1082136
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 38.8 32.3 48.5

Manual Integrations
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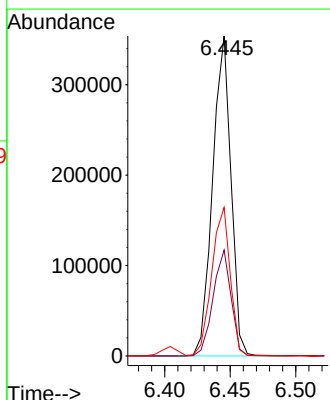
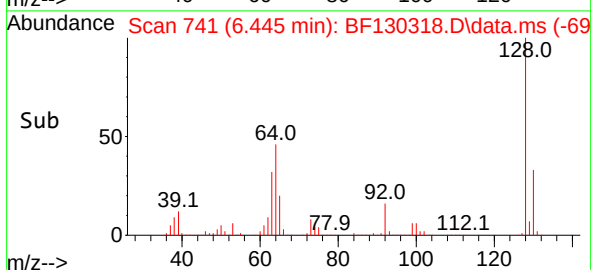
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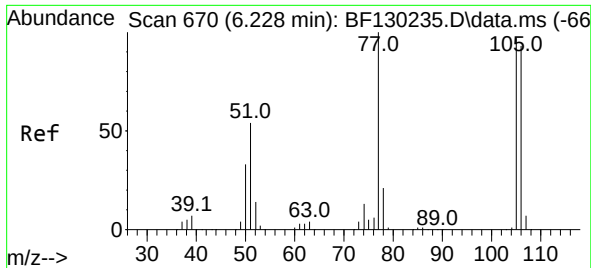


#8
2-Chlorophenol
Concen: 45.320 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:128 Resp: 344205
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 46.4 31.6 71.6





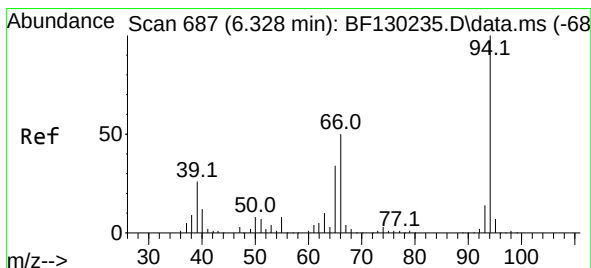
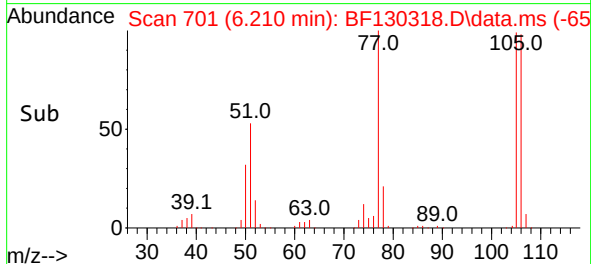
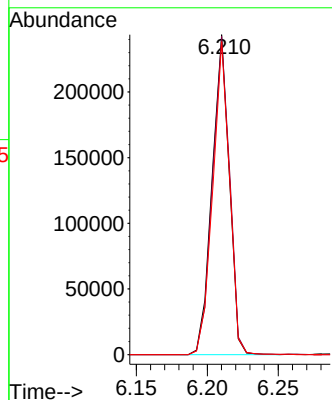
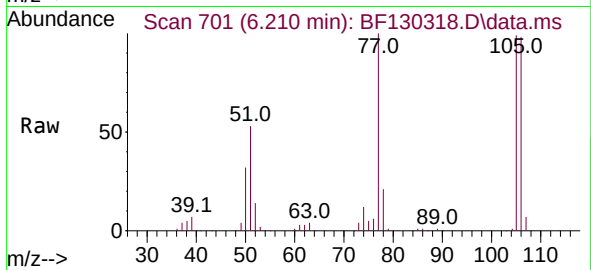
#9
Benzaldehyde
Concen: 36.562 ng
RT: 6.210 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :
BNA_F
ClientSampleId :
PB147677BS

Tgt Ion: 77 Resp: 204312
Ion Ratio Lower Upper
77 100
105 99.4 75.1 115.1
106 97.8 69.7 109.7

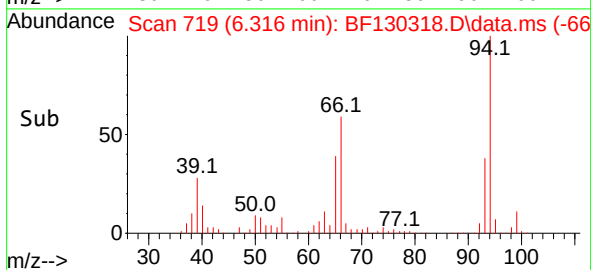
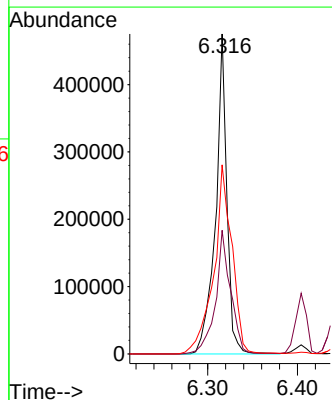
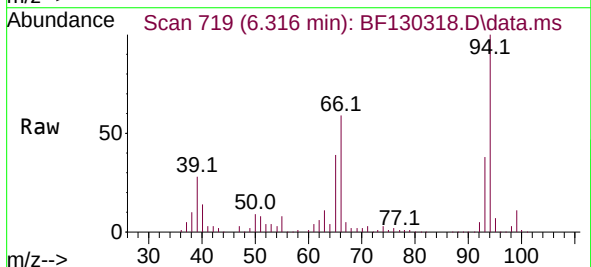
Manual Integrations
APPROVED

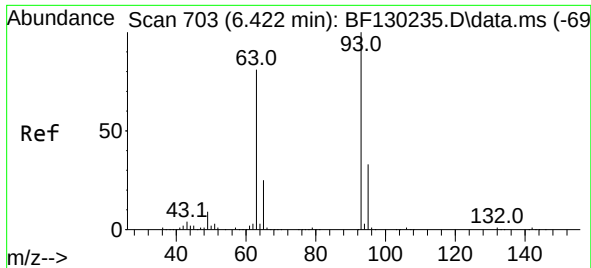
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#10
Phenol
Concen: 42.470 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion: 94 Resp: 415205
Ion Ratio Lower Upper
94 100
65 38.6 14.1 54.1
66 59.1 28.1 68.1





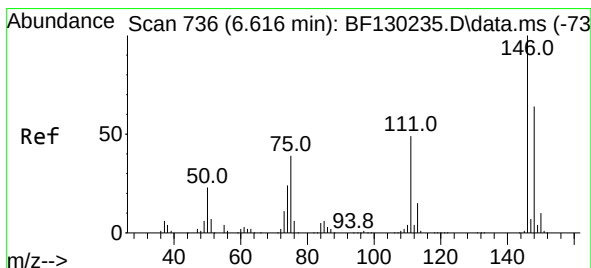
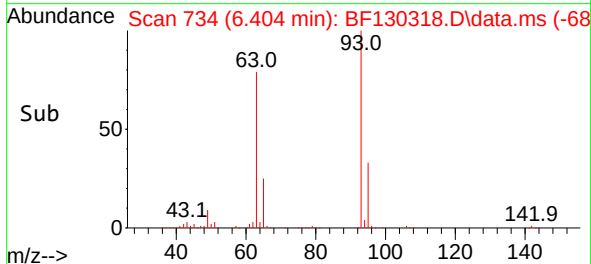
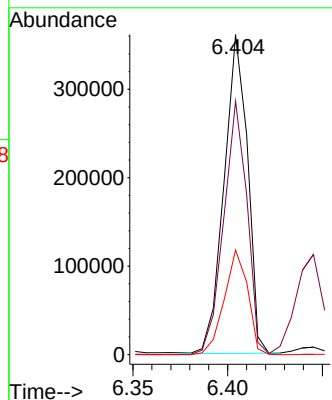
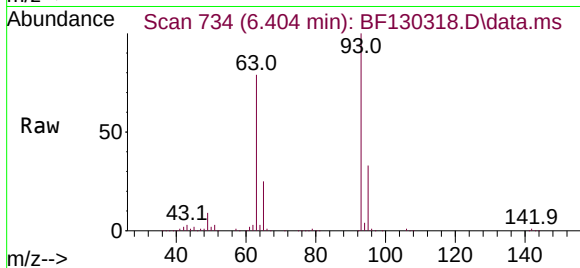
#11
bis(2-Chloroethyl)ether
Concen: 44.149 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :
BNA_F
ClientSampleId :
PB147677BS

Tgt Ion: 93 Resp: 311318
Ion Ratio Lower Upper
93 100
63 79.2 62.5 102.5
95 32.7 12.5 52.5

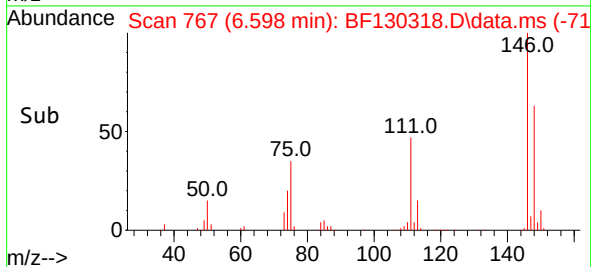
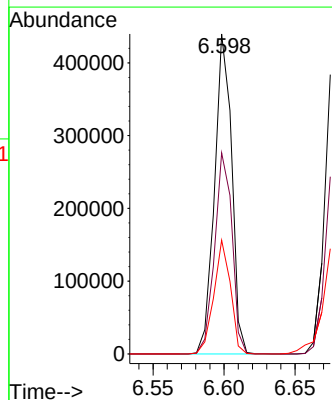
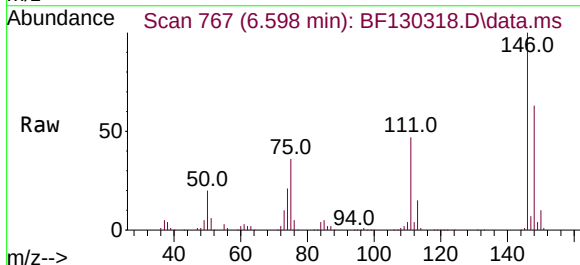
Manual Integrations
APPROVED

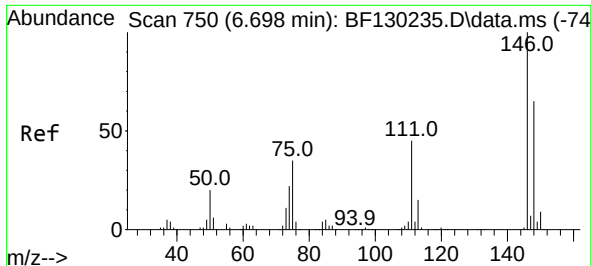
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#12
1,3-Dichlorobenzene
Concen: 44.216 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion:146 Resp: 369511
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
75 35.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.326 ng

RT: 6.681 min Scan# 781

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:146 Resp: 377749

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

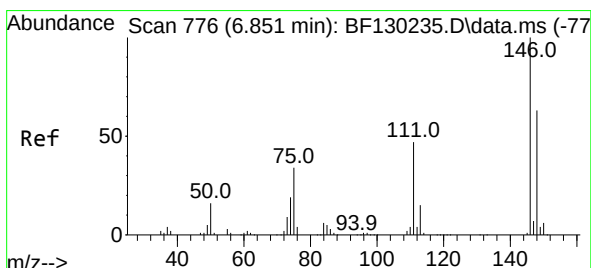
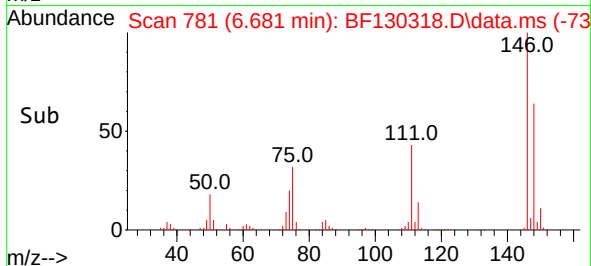
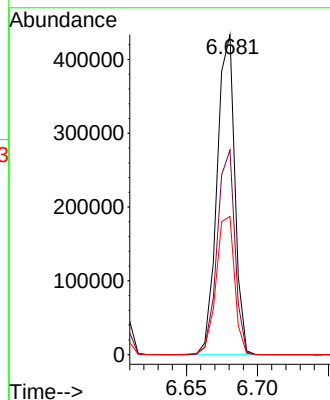
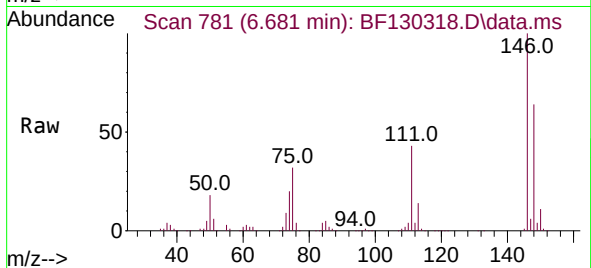
111 43.2 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#14

1,2-Dichlorobenzene

Concen: 44.992 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

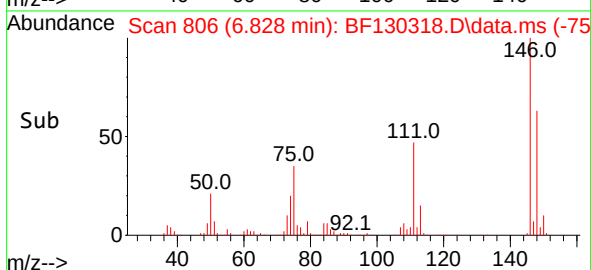
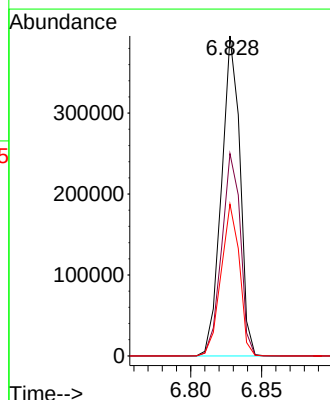
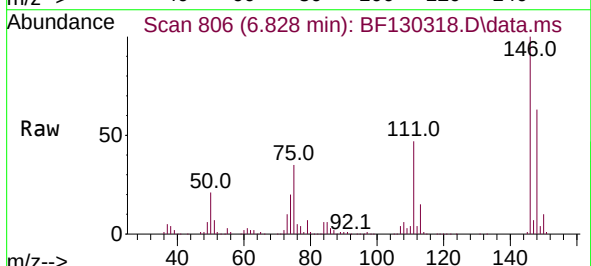
Tgt Ion:146 Resp: 358181

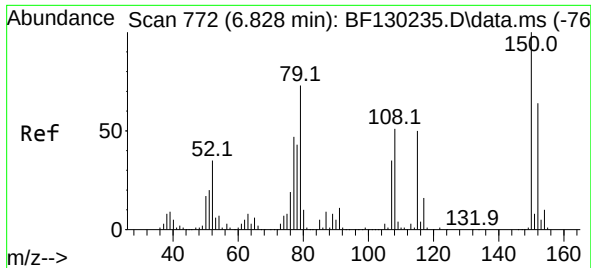
Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

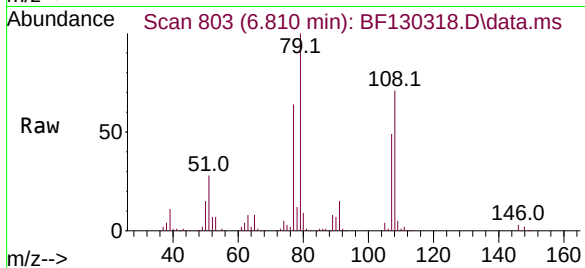
111 47.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 42.880 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

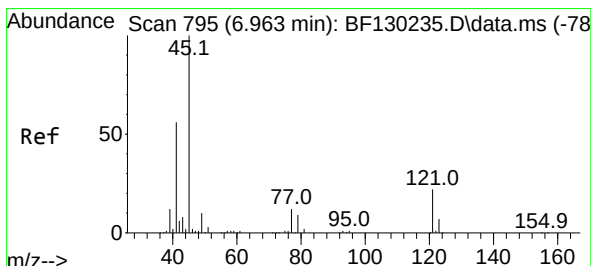
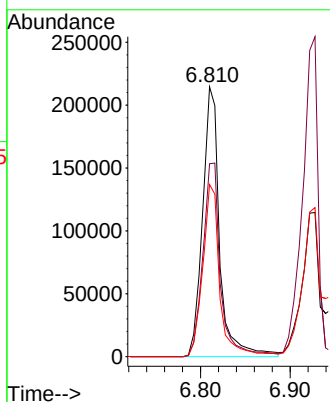
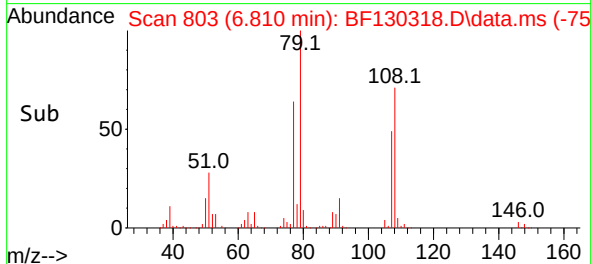
Instrument :
BNA_F
ClientSampleId :
PB147677BS



Tgt Ion: 79 Resp: 283623
Ion Ratio Lower Upper
79 100
108 71.5 54.0 81.0
77 63.8 51.3 76.9

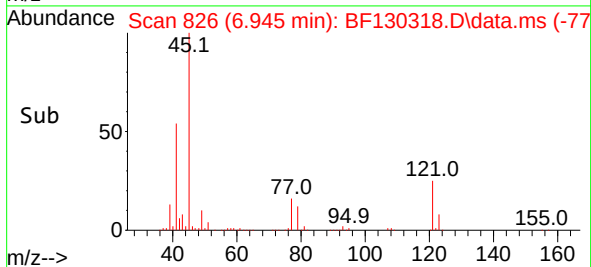
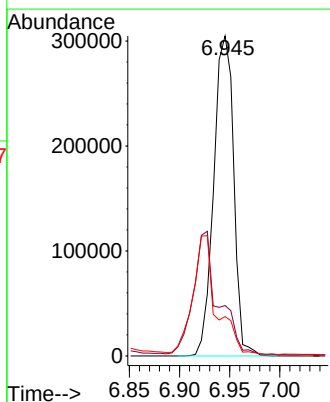
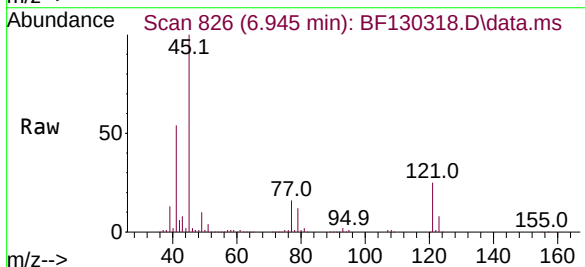
Manual Integrations
APPROVED

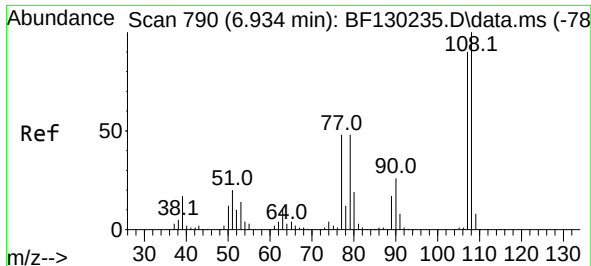
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.118 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion: 45 Resp: 422887
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.9
79 12.3 0.0 31.0





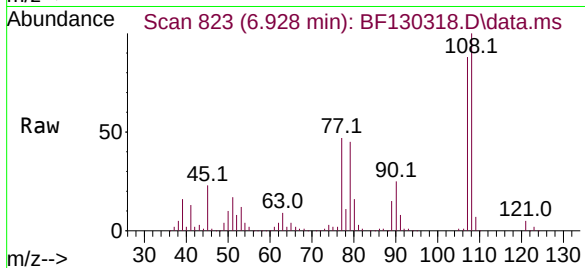
#17
2-Methylphenol
Concen: 42.951 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

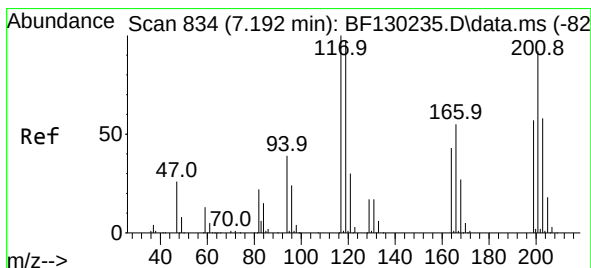
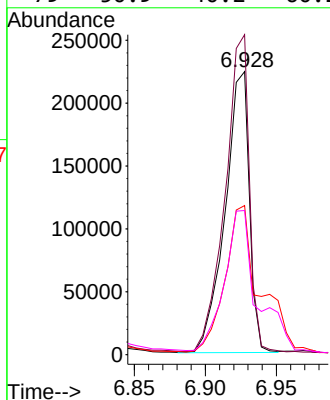
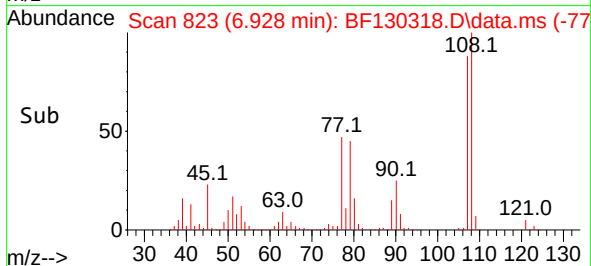


Tgt Ion:107 Resp: 265176
Ion Ratio Lower Upper
107 100
108 113.1 89.4 134.0
77 52.7 40.6 60.8
79 50.9 40.2 60.2

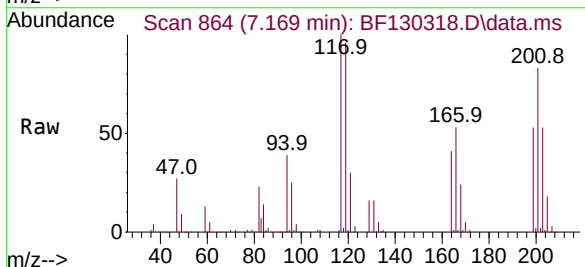
Manual Integrations

APPROVED

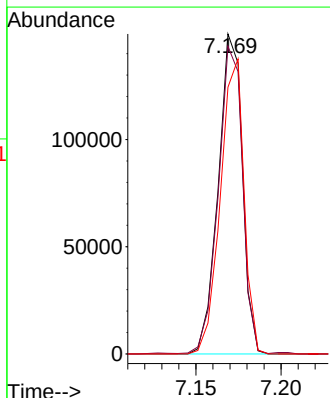
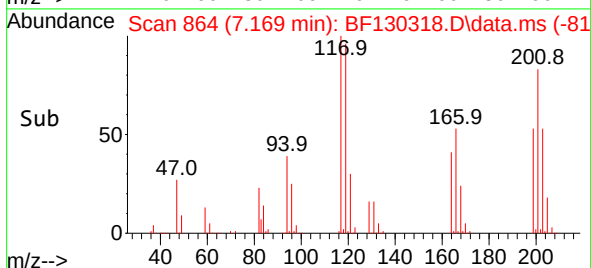
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

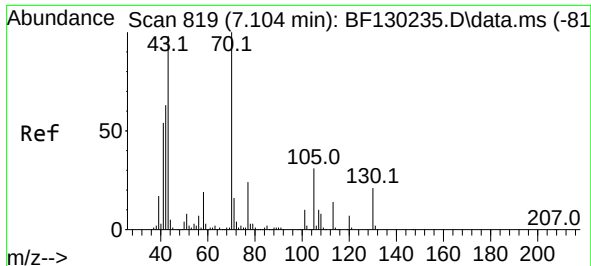


#18
Hexachloroethane
Concen: 43.629 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:117 Resp: 146560
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6
201 83.3 68.7 103.1





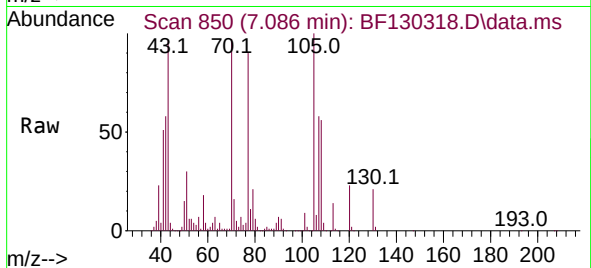
#19
n-Nitroso-di-n-propylamine
Concen: 42.611 ng
RT: 7.086 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

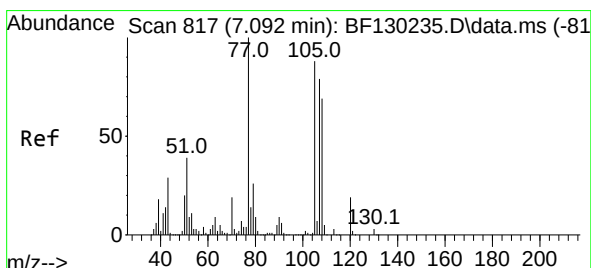
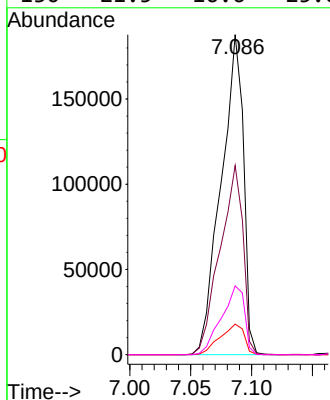
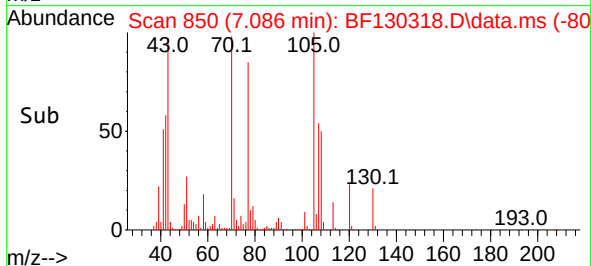
PB147677BS



Tgt Ion: 70 Resp: 239869
Ion Ratio Lower Upper
70 100
42 59.1 50.8 76.2
101 9.5 8.2 12.4
130 21.5 16.6 25.0

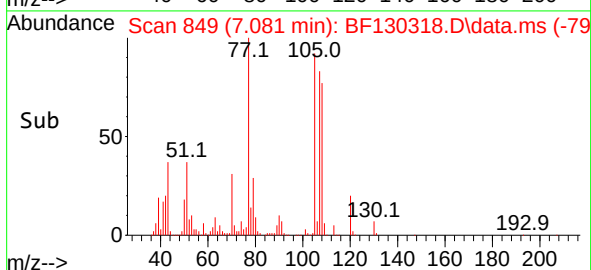
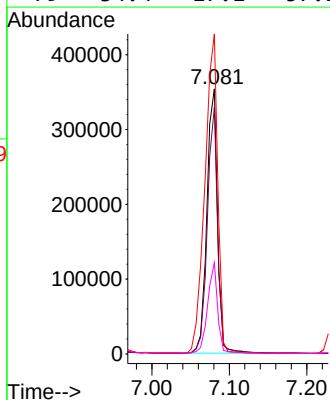
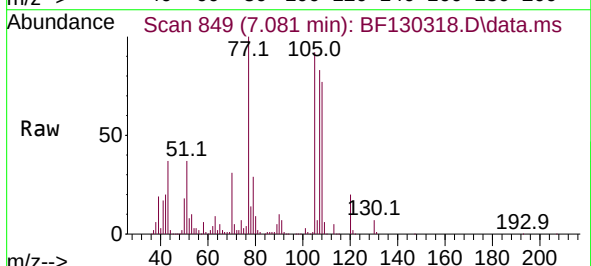
Manual Integrations
APPROVED

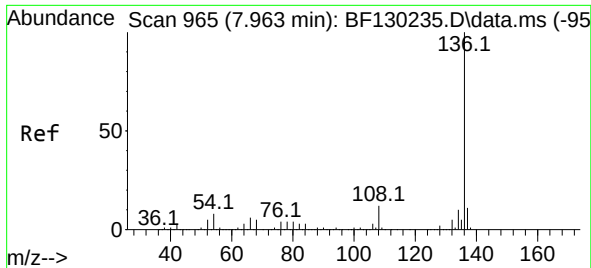
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#20
3+4-Methylphenols
Concen: 42.081 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

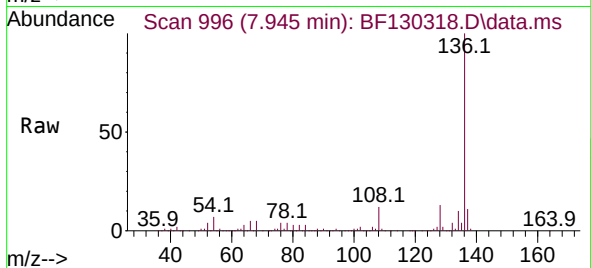
Tgt Ion:107 Resp: 337500
Ion Ratio Lower Upper
107 100
108 93.0 74.8 114.8
77 120.8 125.8 165.8#
79 34.4 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

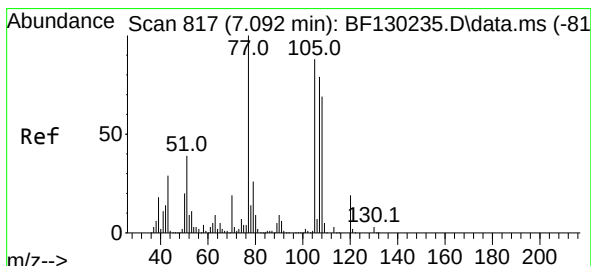
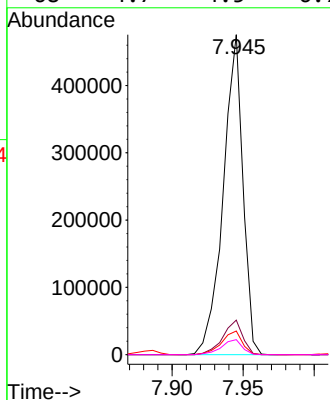
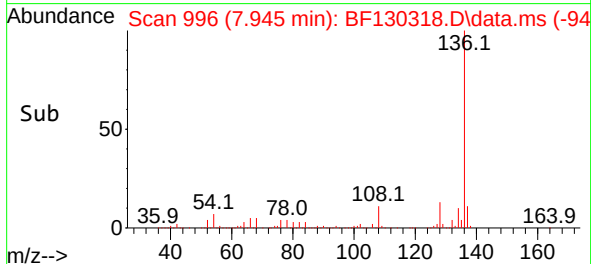
Instrument :
BNA_F
ClientSampleId :
PB147677BS



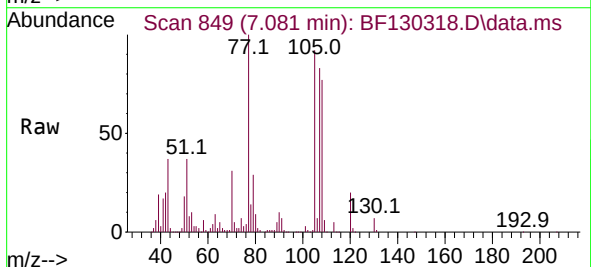
Tgt Ion:136 Resp: 459653
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.4 7.1 10.7
68 4.7 4.5 6.7

Manual Integrations
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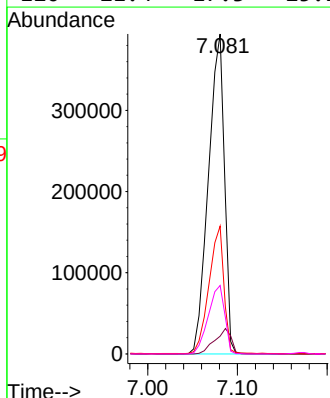
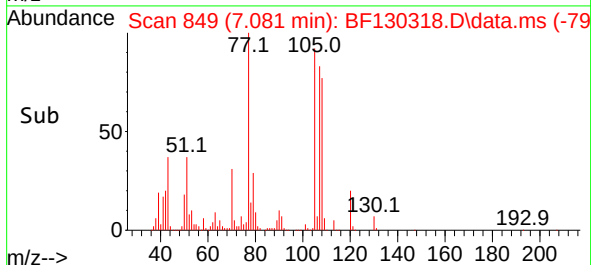
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

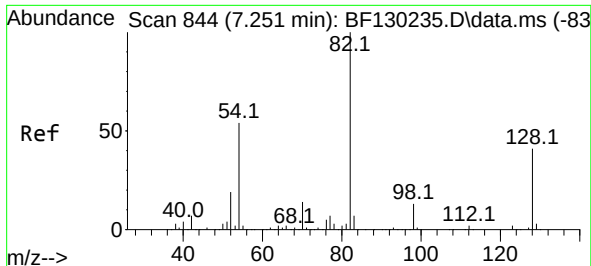


#22
Acetophenone
Concen: 43.445 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:105 Resp: 488232
Ion Ratio Lower Upper
105 100
71 5.5 3.9 5.9
51 40.0 32.2 48.2
120 21.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.290 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130318.D

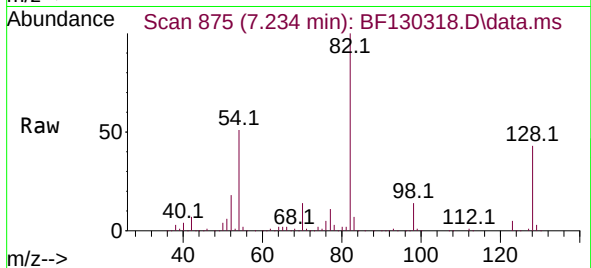
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS



Tgt Ion: 82 Resp: 713388

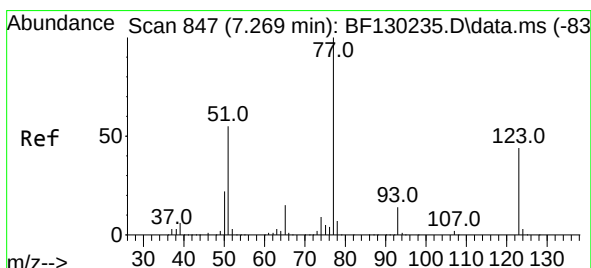
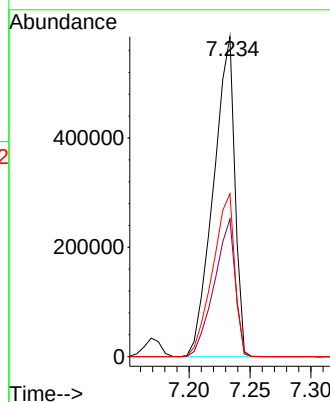
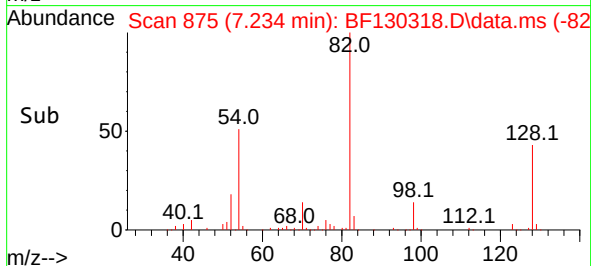
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	49.0
54	50.9	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#24

Nitrobenzene

Concen: 39.866 ng

RT: 7.251 min Scan# 878

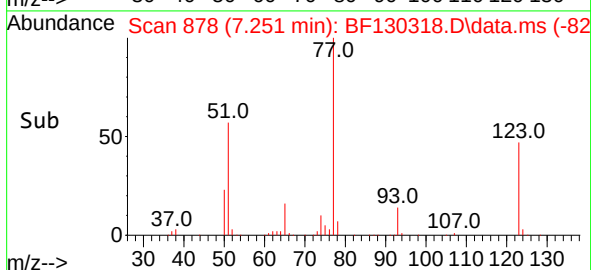
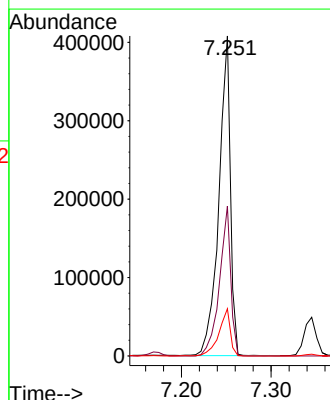
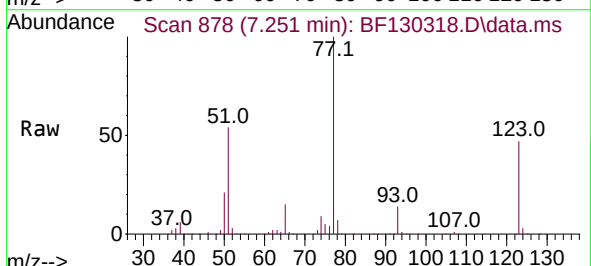
Delta R.T. -0.000 min

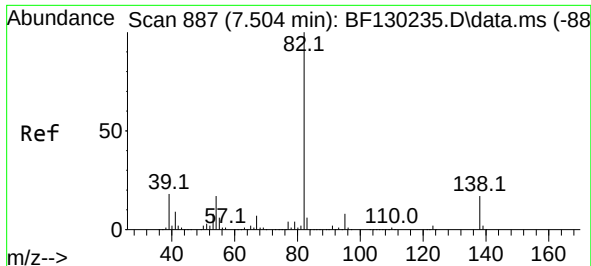
Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Tgt Ion: 77 Resp: 364205

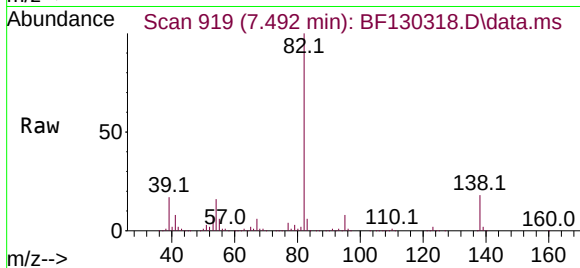
Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.3	51.5
65	14.8	12.0	18.0





#25
Isophorone
Concen: 44.198 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

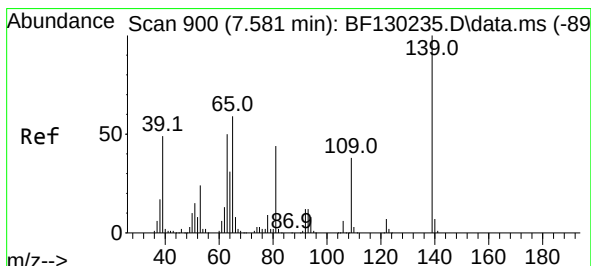
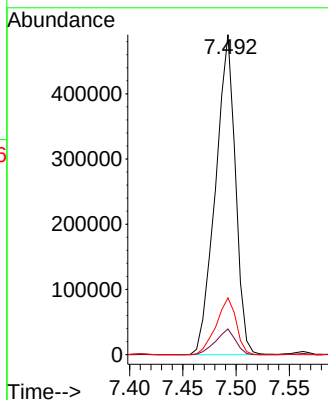
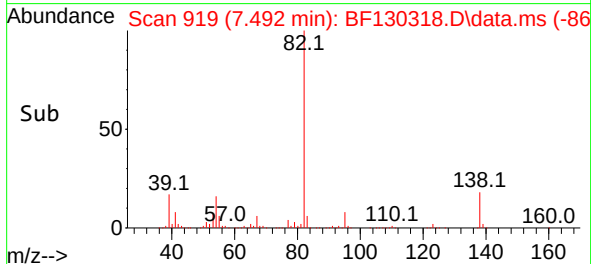
Instrument :
BNA_F
ClientSampleId :
PB147677BS



Tgt Ion: 82 Resp: 640926
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.7 13.8 20.6

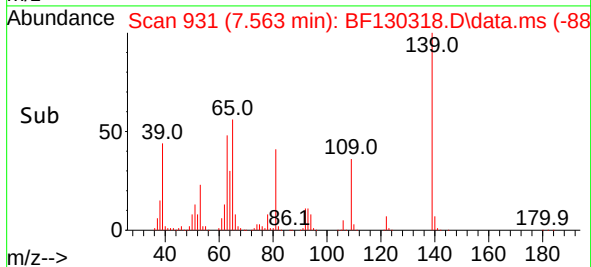
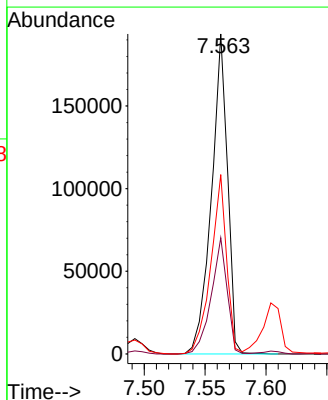
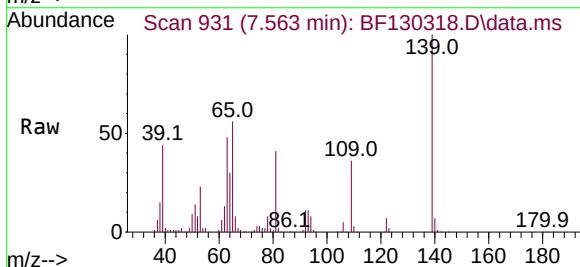
Manual Integrations
APPROVED

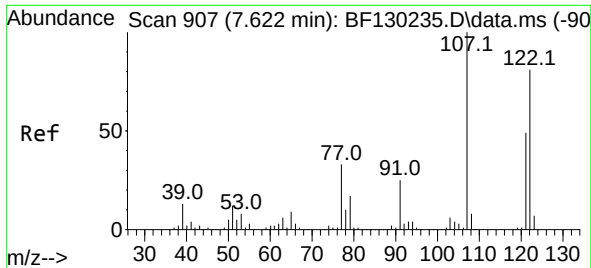
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#26
2-Nitrophenol
Concen: 47.303 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion:139 Resp: 177151
Ion Ratio Lower Upper
139 100
109 36.3 30.2 45.4
65 56.0 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.033 ng

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

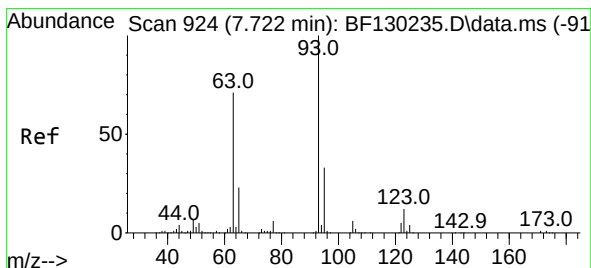
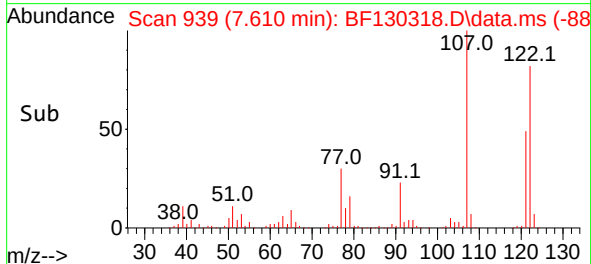
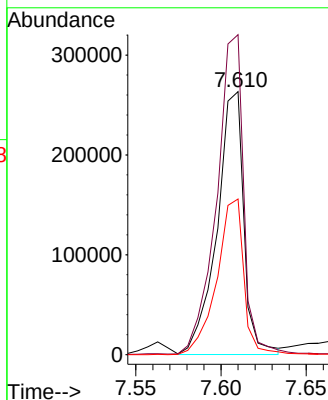
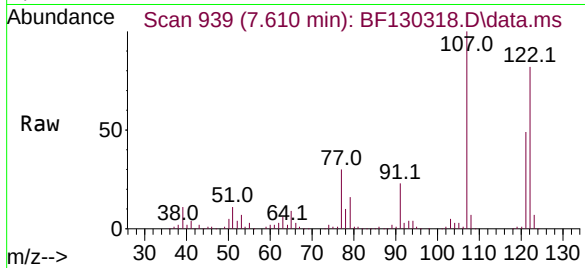
PB147677BS

Tgt Ion:122 Resp: 288510
 Ion Ratio Lower Upper
 122 100
 107 121.7 100.2 150.2
 121 59.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.891 ng

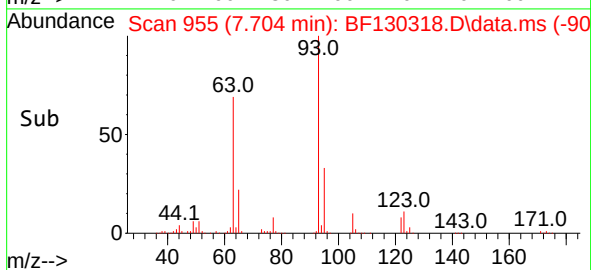
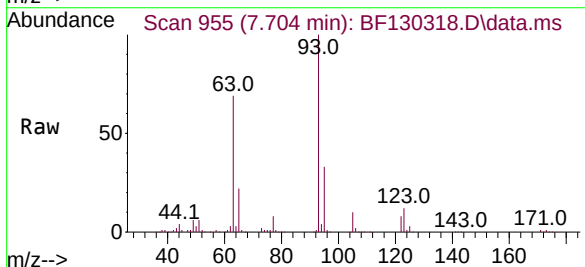
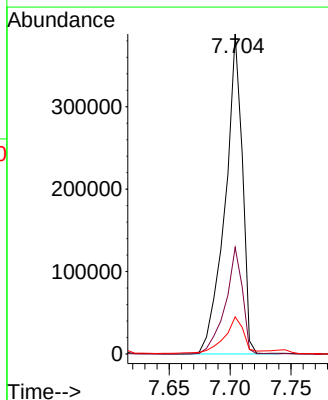
RT: 7.704 min Scan# 955

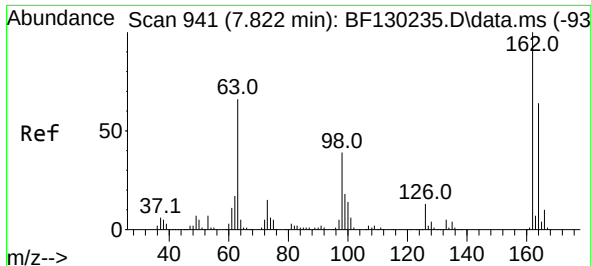
Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Tgt Ion: 93 Resp: 382885
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 43.693 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130318.D

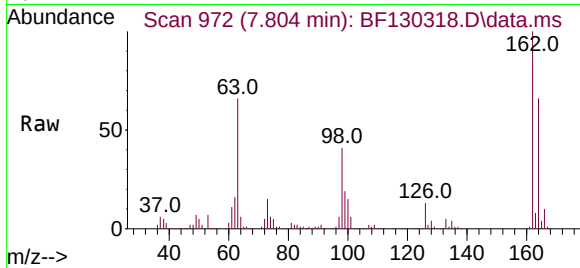
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS



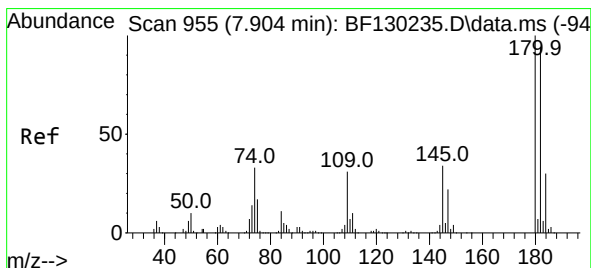
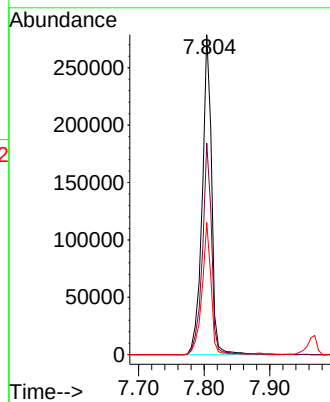
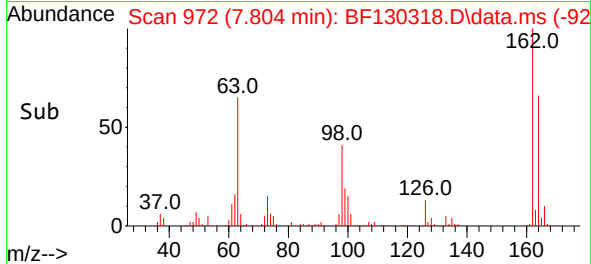
Tgt Ion:	162	Resp:	276092
Ion Ratio	Lower	Upper	
162	100		
164	66.1	42.2	82.2
98	41.3	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#30

1,2,4-Trichlorobenzene

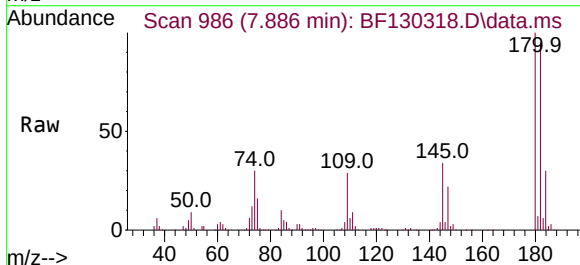
Concen: 42.879 ng

RT: 7.886 min Scan# 986

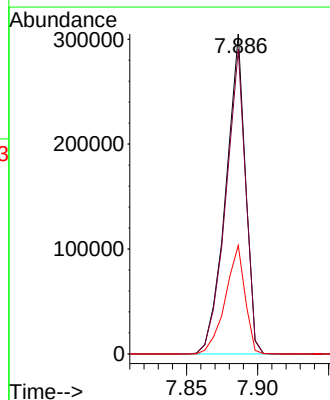
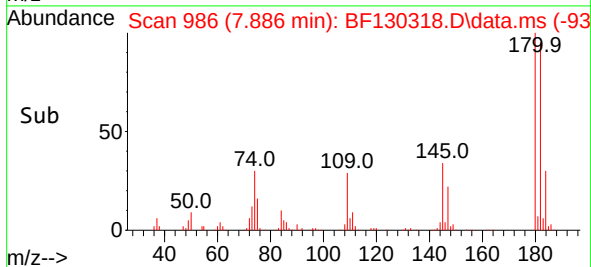
Delta R.T. -0.000 min

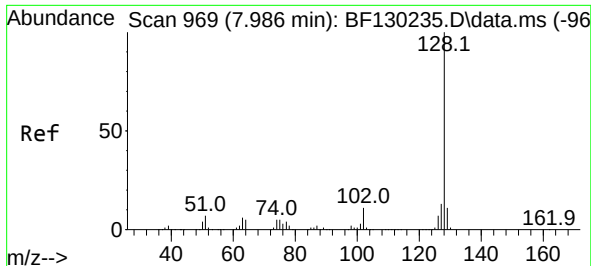
Lab File: BF130318.D

Acq: 19 Sep 2022 13:27



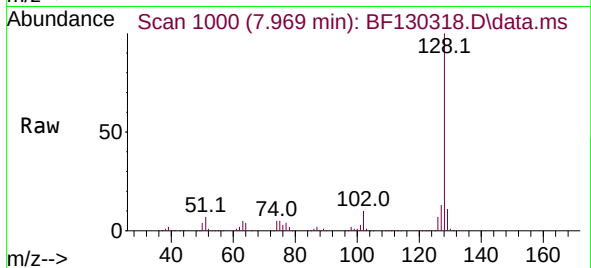
Tgt Ion:	180	Resp:	292942
Ion Ratio	Lower	Upper	
180	100		
182	95.2	73.3	109.9
145	33.9	28.3	42.5





#31
Naphthalene
Concen: 41.747 ng
RT: 7.969 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

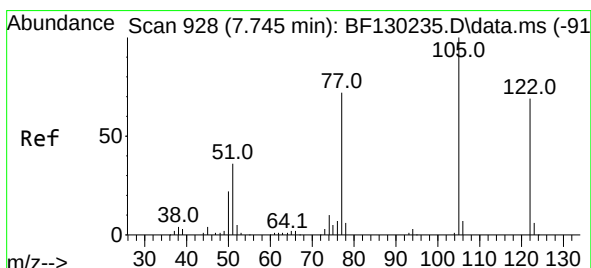
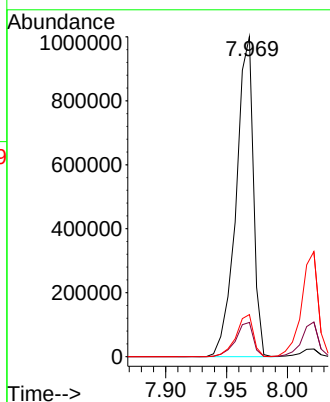
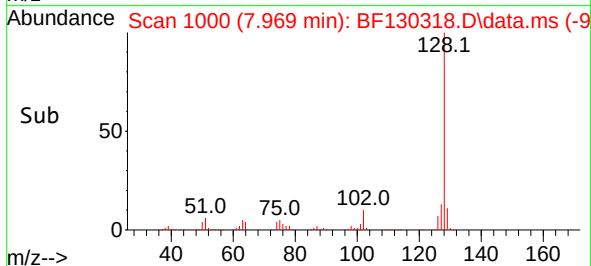
Instrument :
BNA_F
ClientSampleId :
PB147677BS



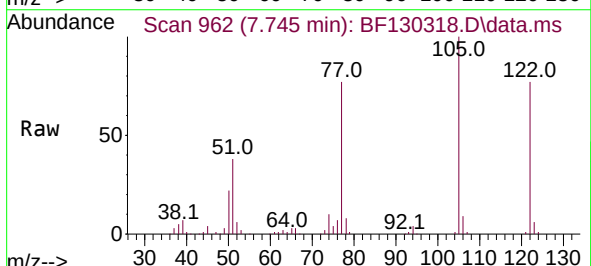
Tgt Ion:128 Resp: 98859
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 10.6 16.0

Manual Integrations
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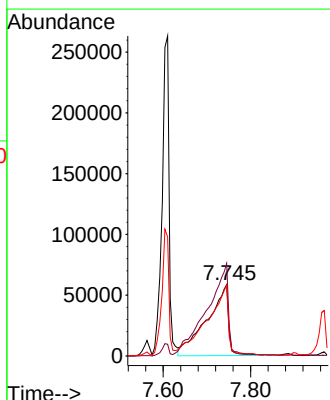
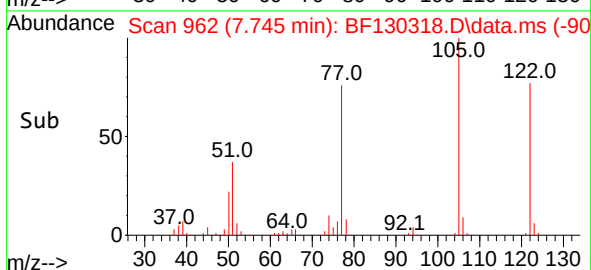
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

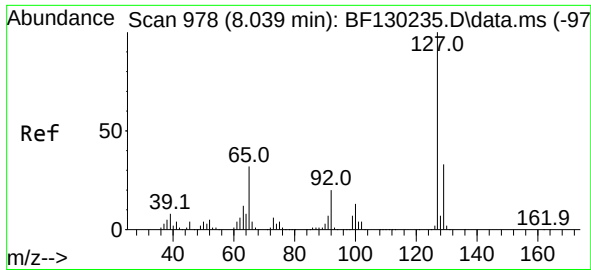


#32
Benzoic acid
Concen: 45.421 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:122 Resp: 202544
Ion Ratio Lower Upper
122 100
105 129.7 112.9 152.9
77 99.7 82.8 122.8





#33
4-Chloroaniline
Concen: 35.577 ng
RT: 8.022 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

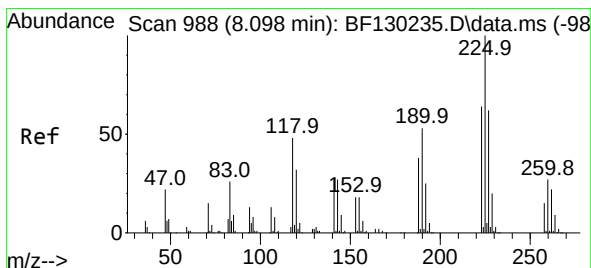
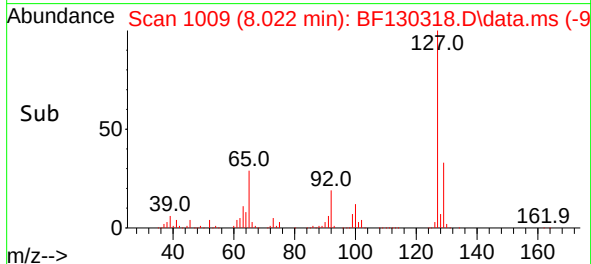
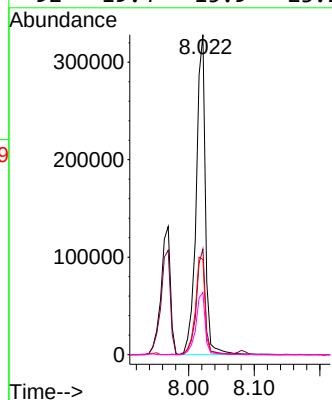
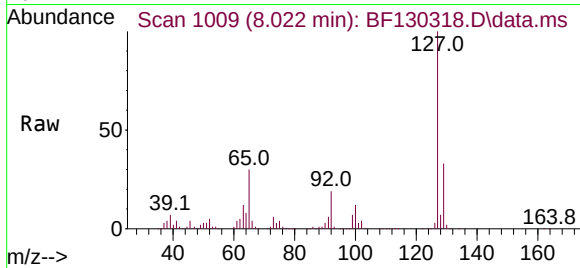
PB147677BS

Tgt Ion:127 Resp: 320424
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 29.8 27.0 40.6
92 19.4 15.9 23.9

Manual Integrations

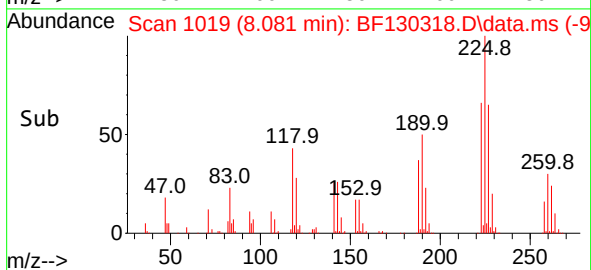
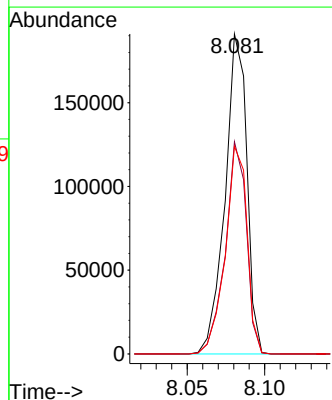
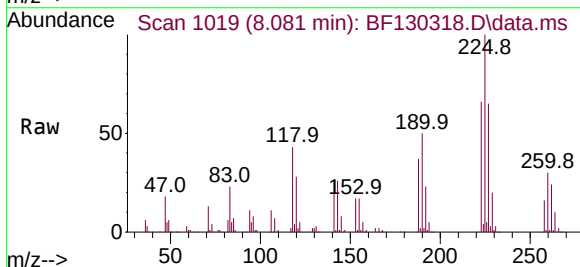
APPROVED

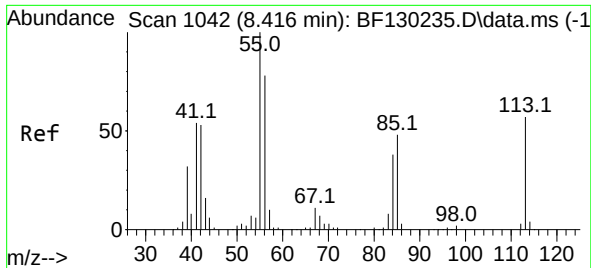
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#34
Hexachlorobutadiene
Concen: 42.771 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

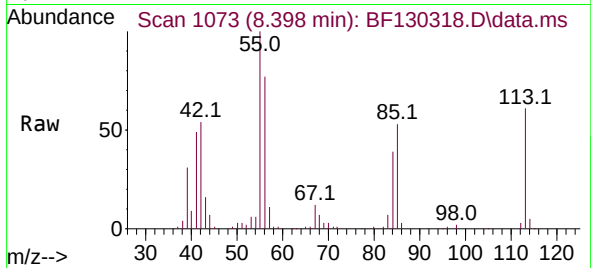
Tgt Ion:225 Resp: 186744
Ion Ratio Lower Upper
225 100
223 66.3 50.3 75.5
227 64.9 51.1 76.7





#35
Caprolactam
Concen: 46.995 ng m
RT: 8.398 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

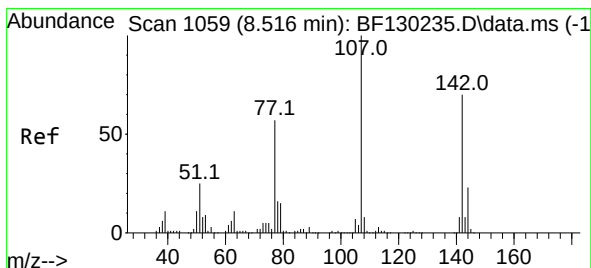
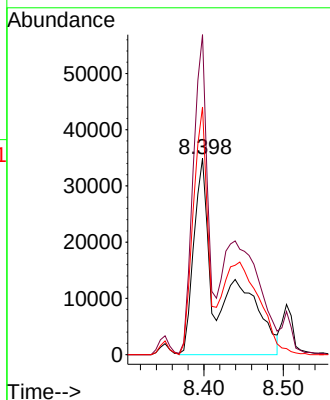
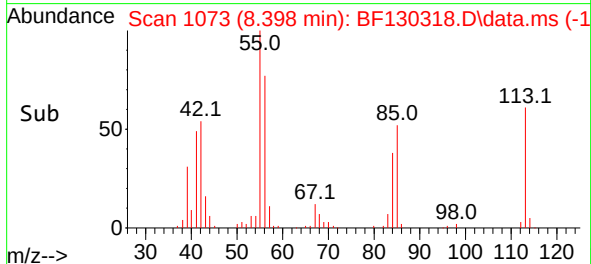
Instrument :
BNA_F
ClientSampleId :
PB147677BS



Tgt Ion:113 Resp: 85132
Ion Ratio Lower Upper
113 100
55 163.0 155.4 195.4
56 126.1 120.4 160.4

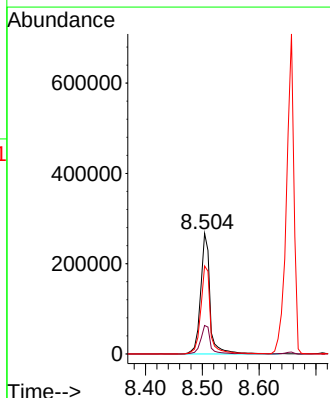
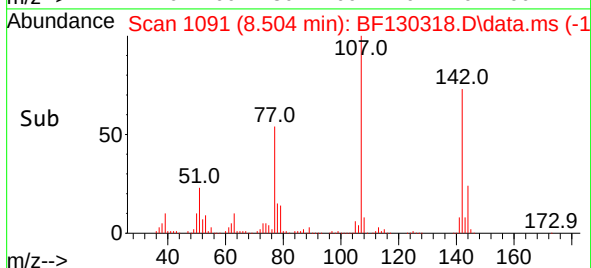
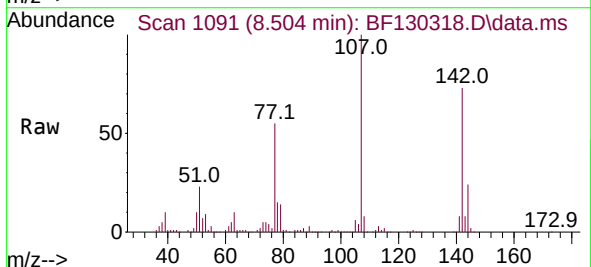
Manual Integrations
APPROVED

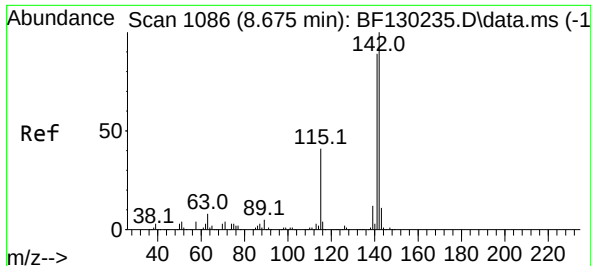
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#36
4-Chloro-3-methylphenol
Concen: 43.420 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion:107 Resp: 304117
Ion Ratio Lower Upper
107 100
144 23.6 20.0 30.0
142 73.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 42.387 ng

RT: 8.657 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:142 Resp: 63998

Ion Ratio Lower Upper

142 100

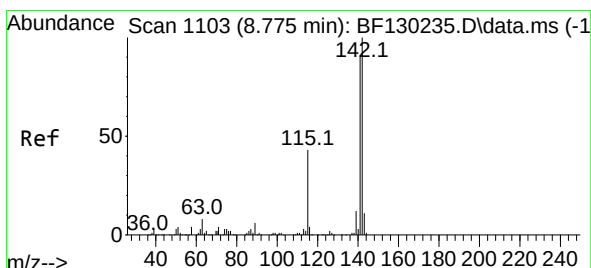
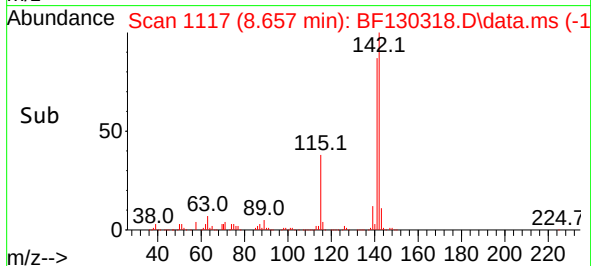
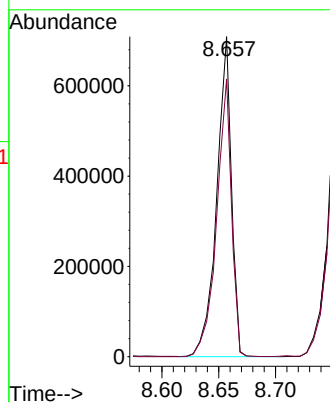
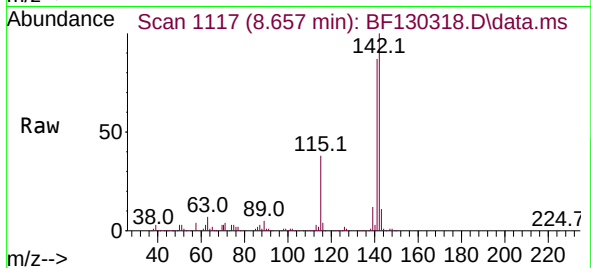
141 86.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#38

1-Methylnaphthalene

Concen: 41.333 ng

RT: 8.757 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130318.D

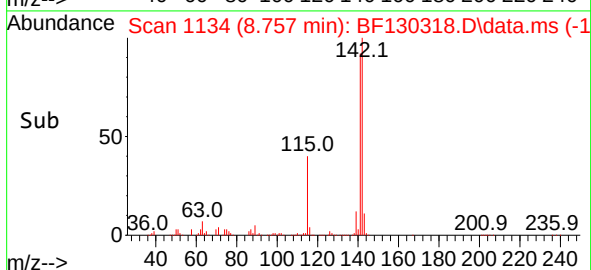
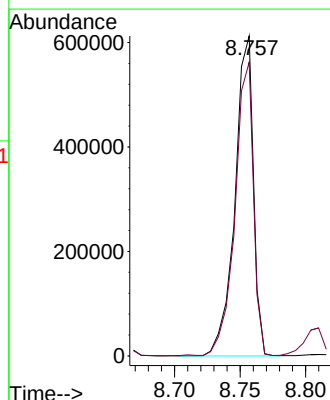
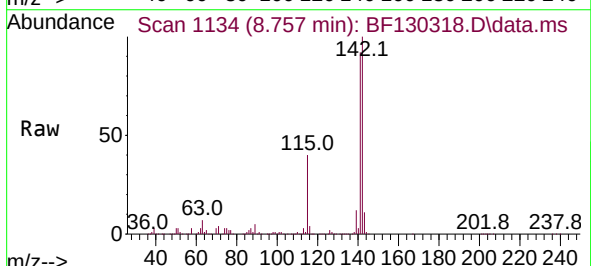
Acq: 19 Sep 2022 13:27

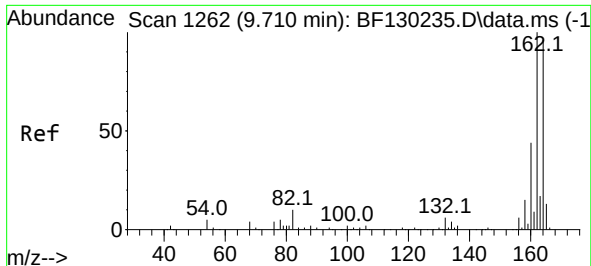
Tgt Ion:142 Resp: 599516

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF130318.D

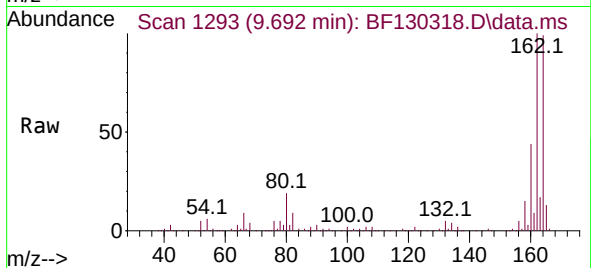
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS



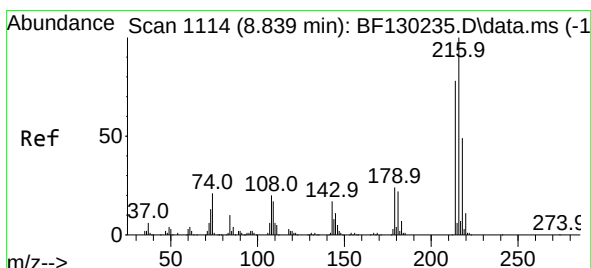
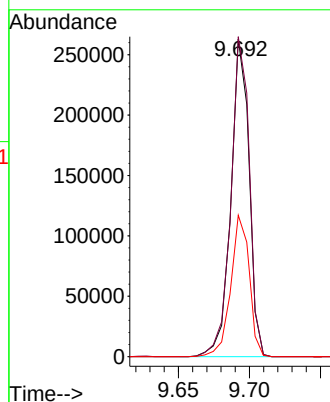
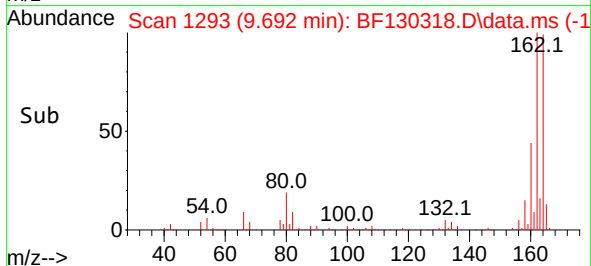
Tgt Ion:164 Resp: 233246

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.5	36.2	54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#40

1,2,4,5-Tetrachlorobenzene

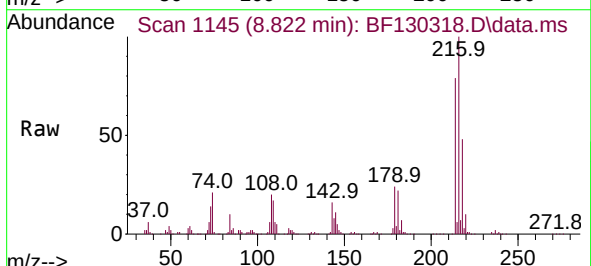
Concen: 45.938 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

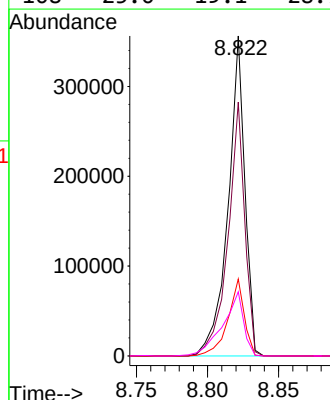
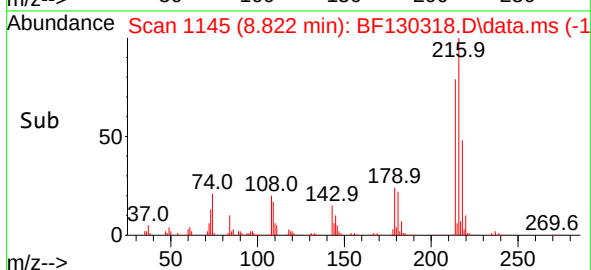
Lab File: BF130318.D

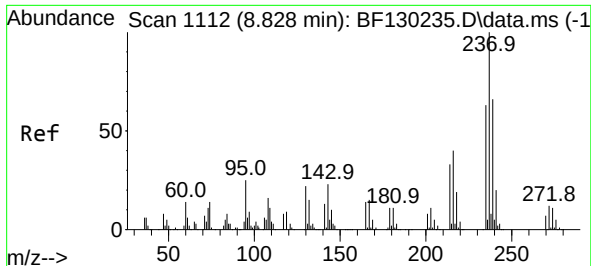
Acq: 19 Sep 2022 13:27



Tgt Ion:216 Resp: 292413

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	23.5	19.5	29.3
108	25.0	19.1	28.7





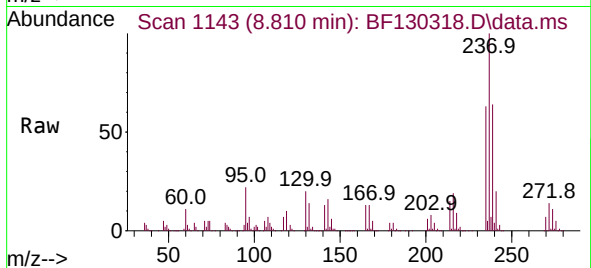
#41
Hexachlorocyclopentadiene
Concen: 115.699 ng
RT: 8.810 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

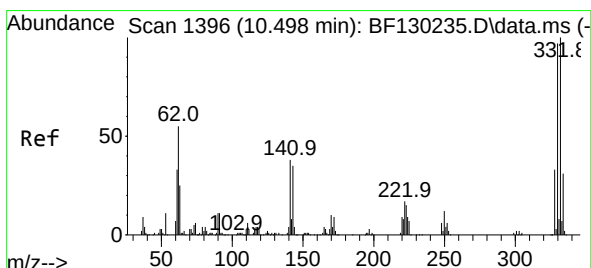
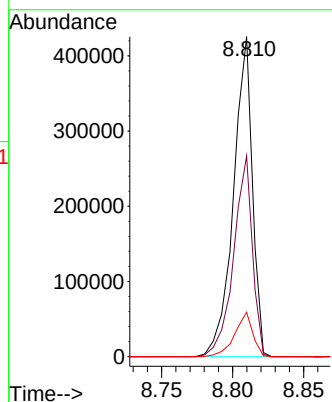
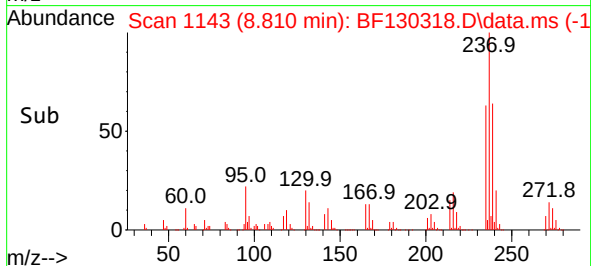


Tgt Ion:237 Resp: 394299
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 13.9 0.0 32.8

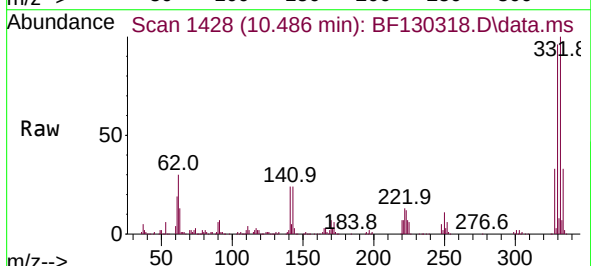
Manual Integrations

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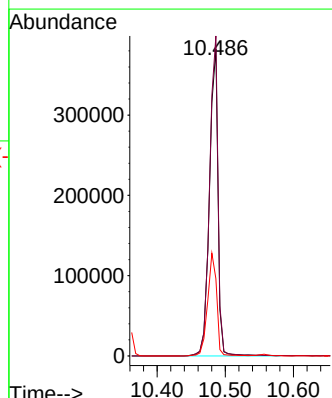
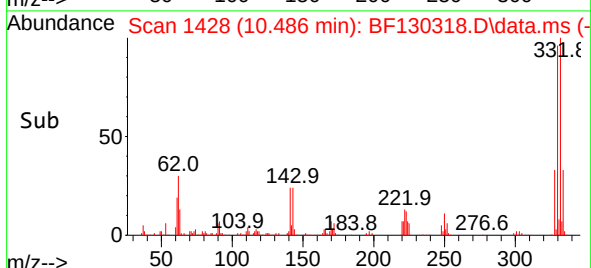
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

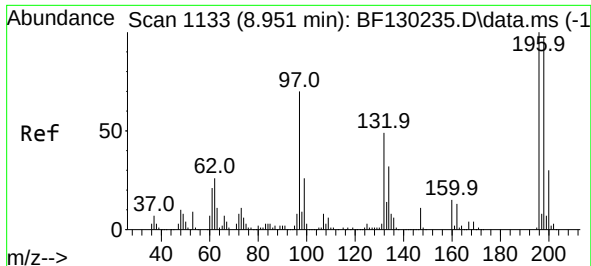


#42
2,4,6-Tribromophenol
Concen: 149.222 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:330 Resp: 333502
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 35.4 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 44.214 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF130318.D

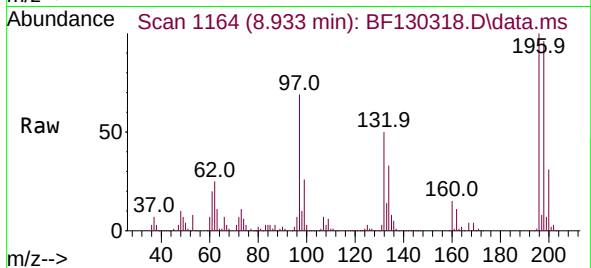
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS



Tgt Ion:196 Resp: 196420

Ion Ratio Lower Upper

196 100

198 96.0 72.4 108.6

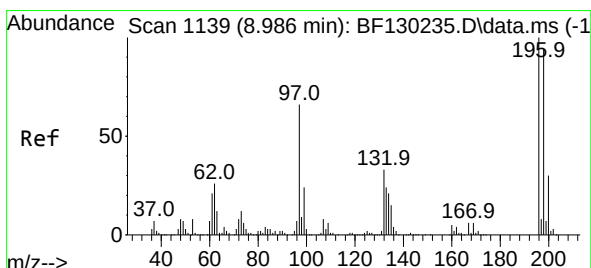
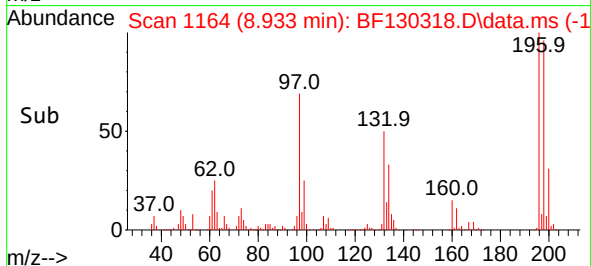
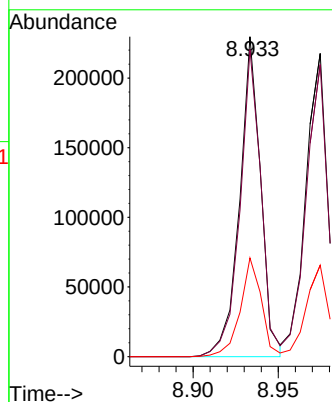
200 30.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#44

2,4,5-Trichlorophenol

Concen: 43.025 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Tgt Ion:196 Resp: 206258

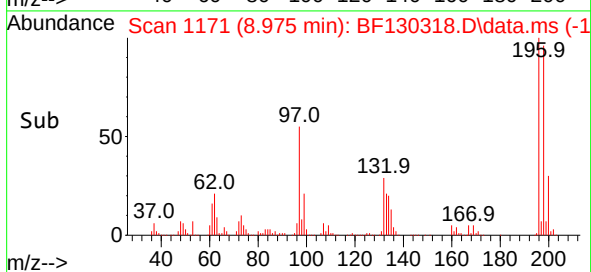
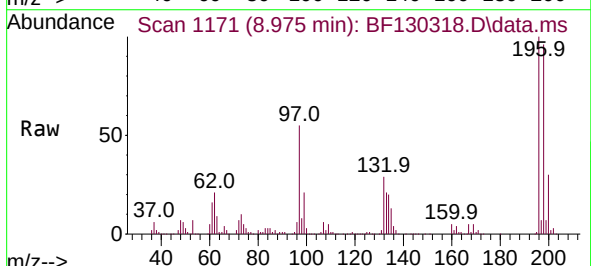
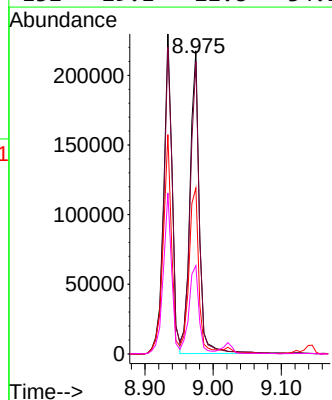
Ion Ratio Lower Upper

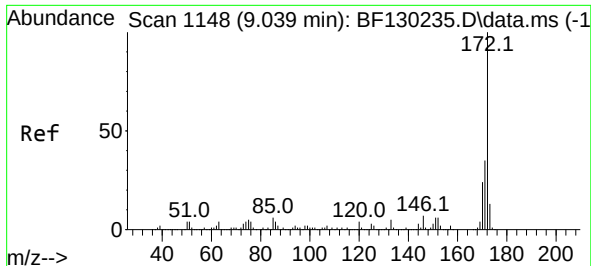
196 100

198 96.4 74.8 112.2

97 54.8 43.7 65.5

132 29.1 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 82.922 ng

RT: 9.022 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:172 Resp: 132820

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

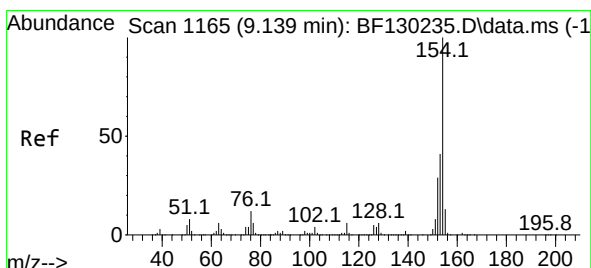
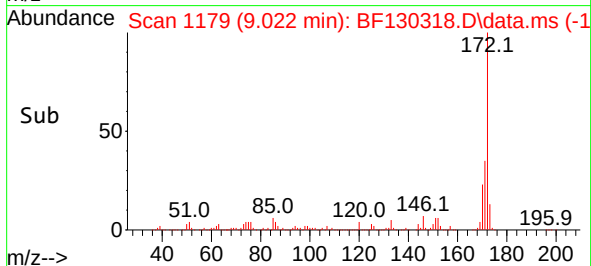
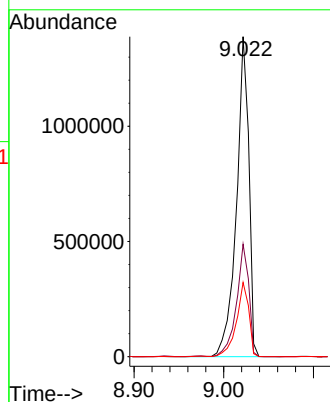
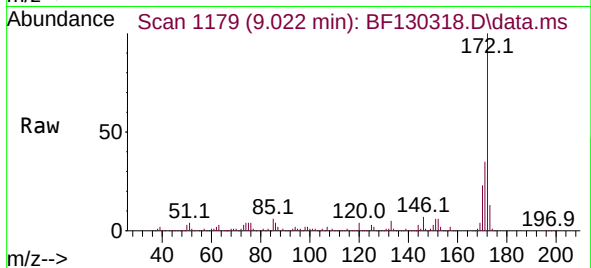
170 23.2 18.7 28.1

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#46

1,1'-Biphenyl

Concen: 44.101 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

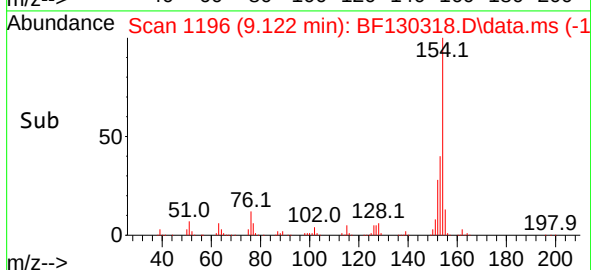
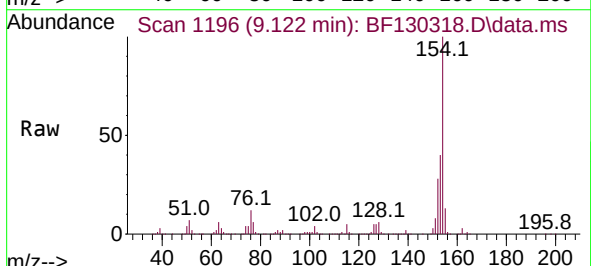
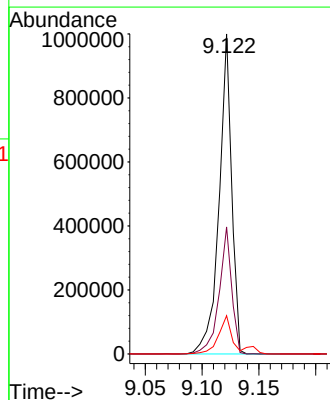
Tgt Ion:154 Resp: 768238

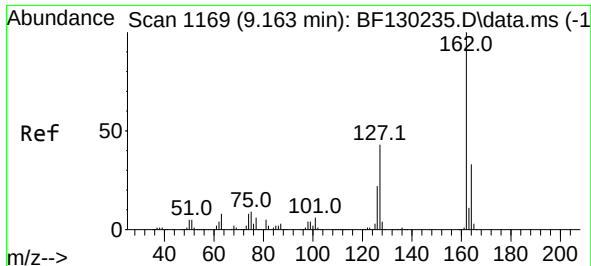
Ion Ratio Lower Upper

154 100

153 39.7 20.0 60.0

76 11.9 0.0 33.3





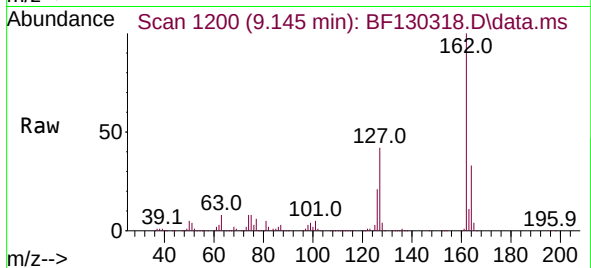
#47
2-Chloronaphthalene
Concen: 42.419 ng
RT: 9.145 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

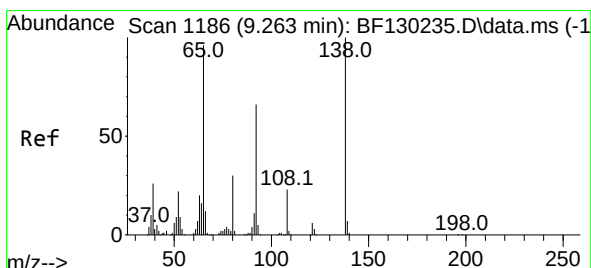
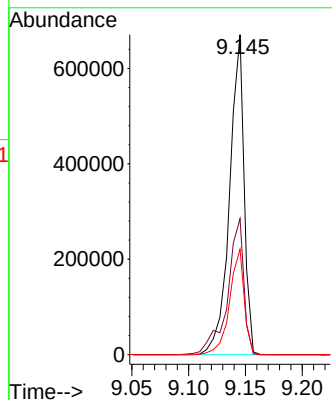
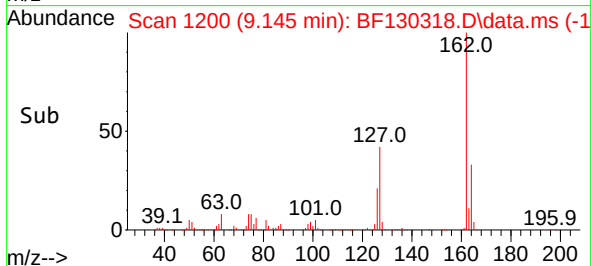


Tgt Ion:162 Resp: 597746
Ion Ratio Lower Upper
162 100
127 42.5 35.9 53.9
164 32.9 26.2 39.2

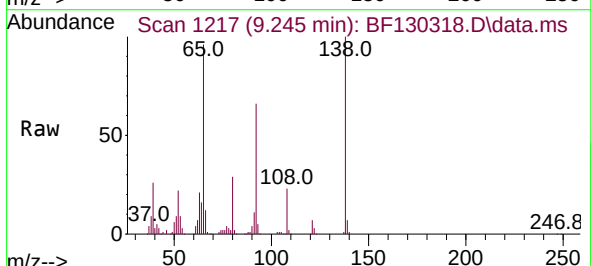
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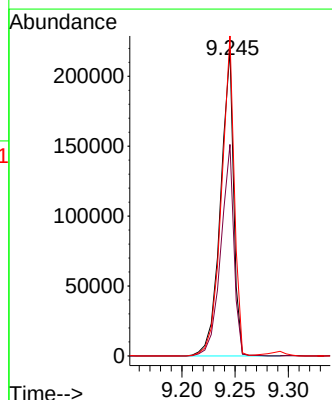
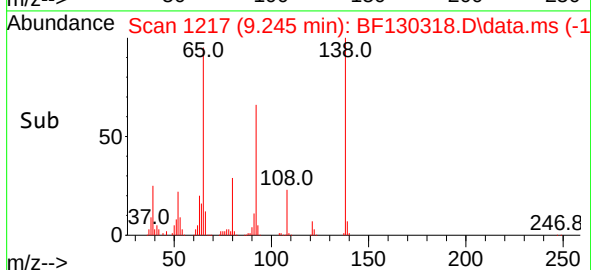
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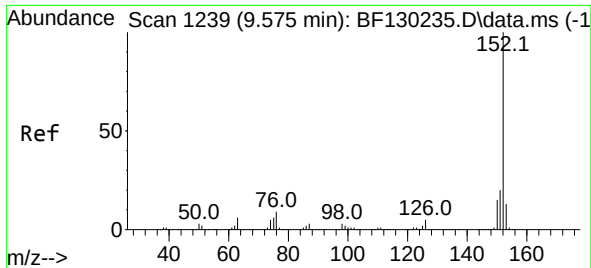


#48
2-Nitroaniline
Concen: 39.936 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



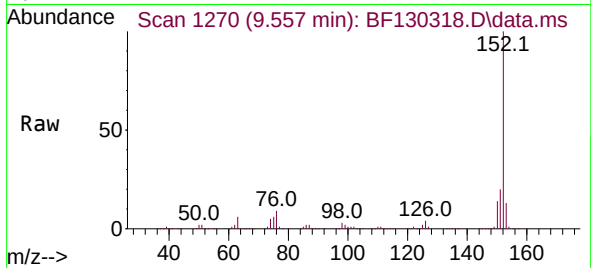
Tgt Ion: 65 Resp: 187696
Ion Ratio Lower Upper
65 100
92 69.1 52.2 78.4
138 104.7 77.0 115.4





#49
Acenaphthylene
Concen: 41.945 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

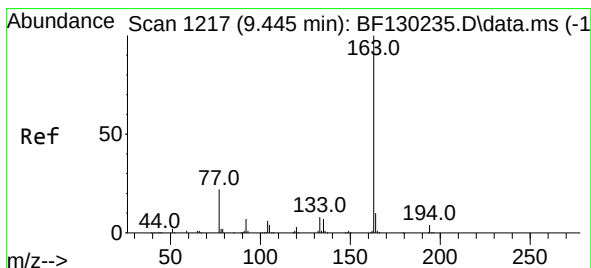
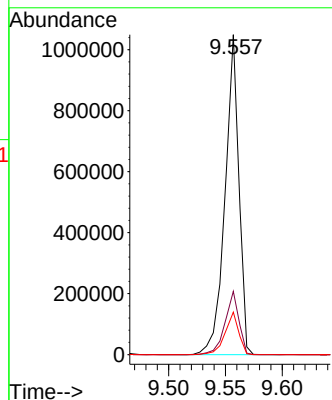
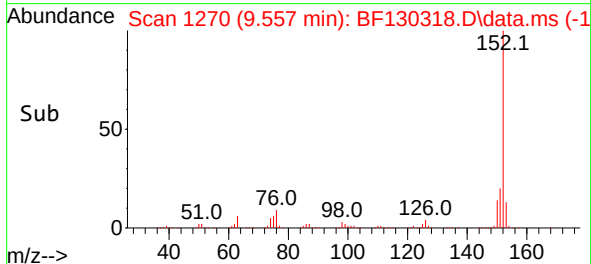
Instrument :
BNA_F
ClientSampleId :
PB147677BS



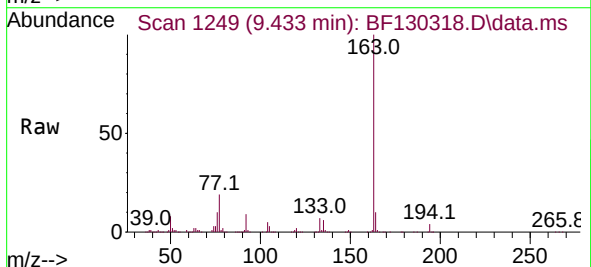
Tgt Ion:152 Resp: 886230
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.3 10.6 15.8

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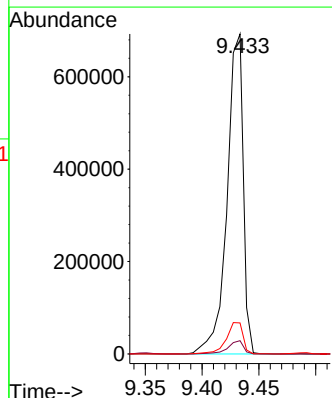
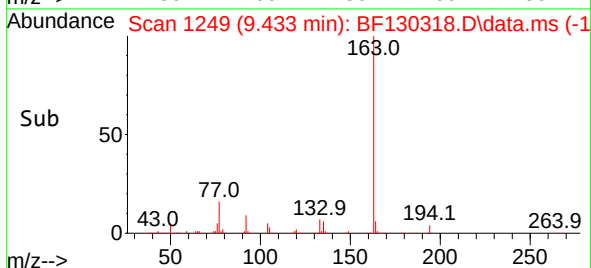
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

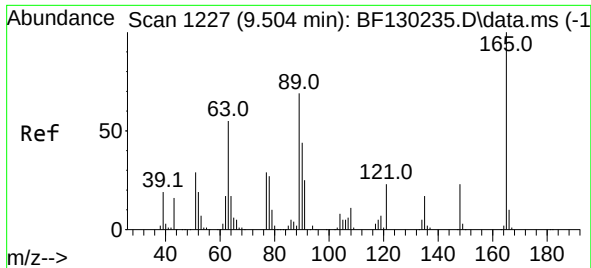


#50
Dimethylphthalate
Concen: 42.579 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



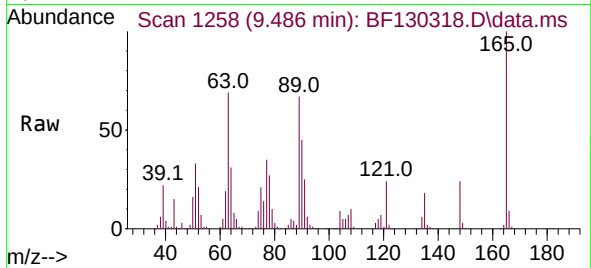
Tgt Ion:163 Resp: 686013
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.263 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

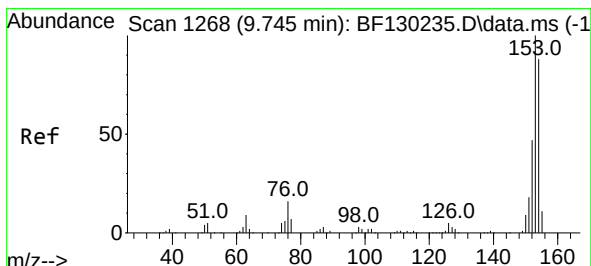
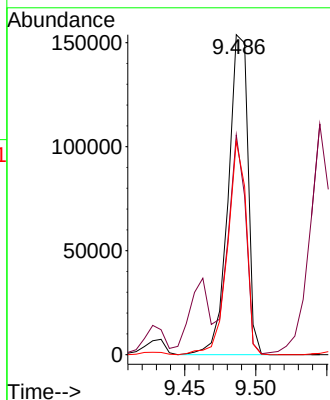
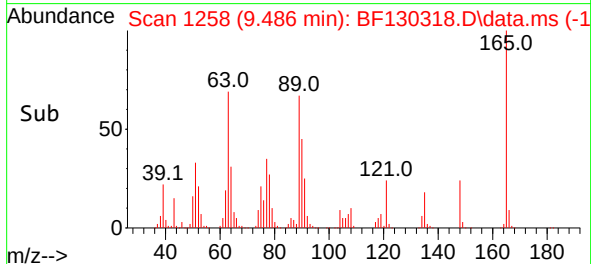
Instrument :
BNA_F
ClientSampleId :
PB147677BS



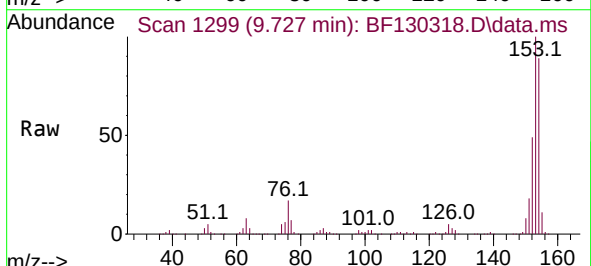
Tgt Ion:165 Resp: 14914
Ion Ratio Lower Upper
165 100
63 68.6 58.8 88.2
89 66.7 54.5 81.7

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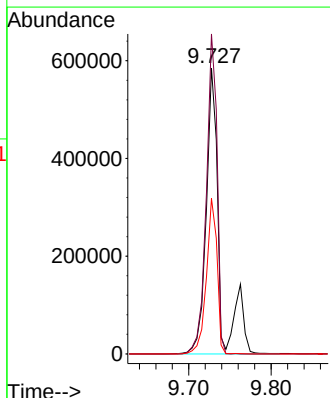
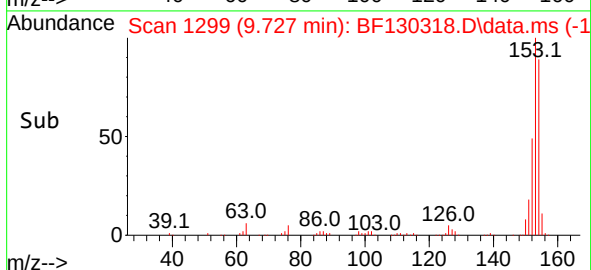
Reviewed By :Christian Giraldo 09/20/2022
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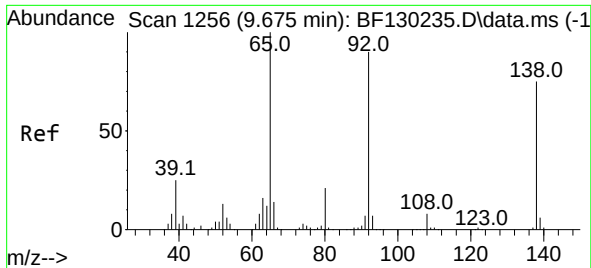


#52
Acenaphthene
Concen: 46.812 ng m
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:154 Resp: 649842
Ion Ratio Lower Upper
154 100
153 112.0 90.6 136.0
152 54.4 43.8 65.6





#53
3-Nitroaniline
Concen: 33.151 ng
RT: 9.657 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

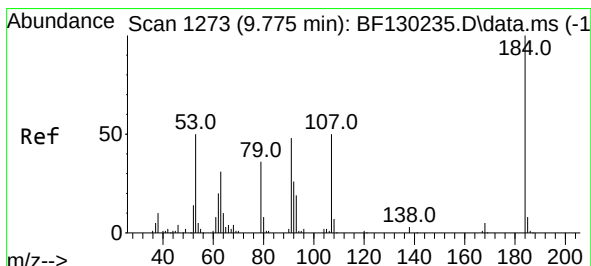
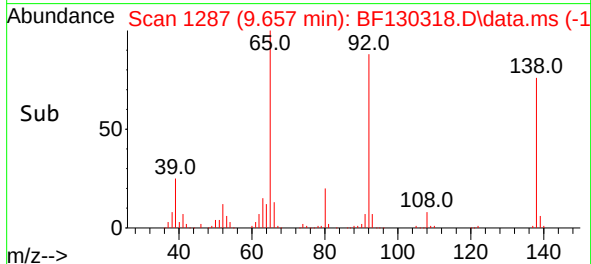
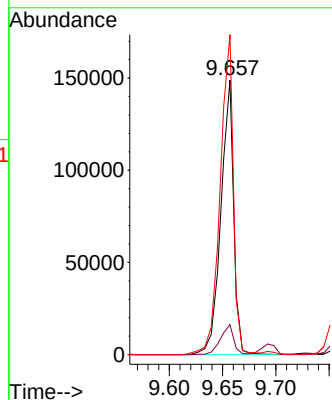
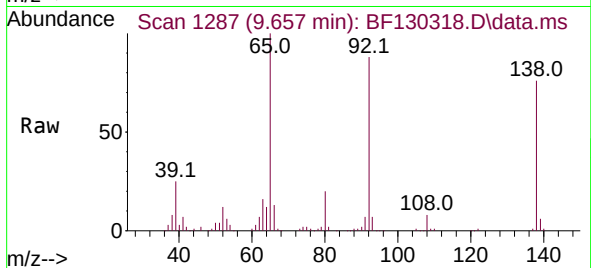
PB147677BS

Tgt Ion:138 Resp: 124469
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 116.6 99.2 148.8

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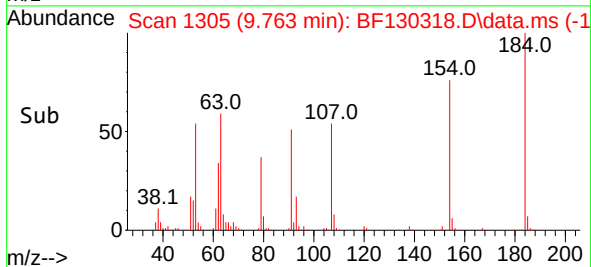
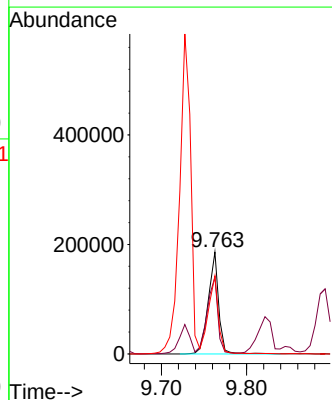
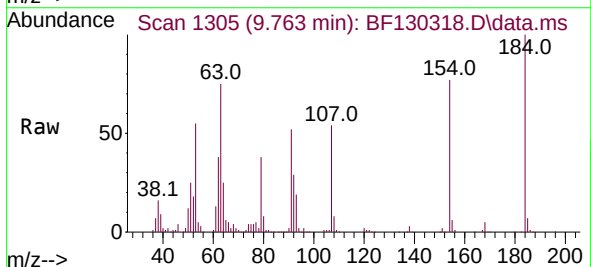
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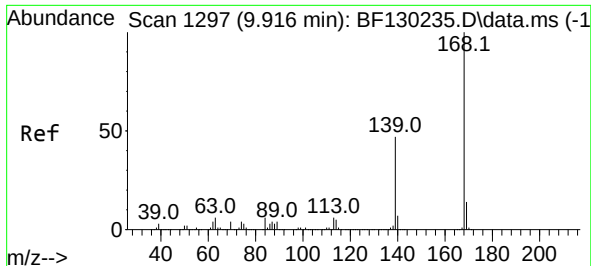
Reviewed By :Christian Giraldo 09/20/2022
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#54
2,4-Dinitrophenol
Concen: 85.871 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

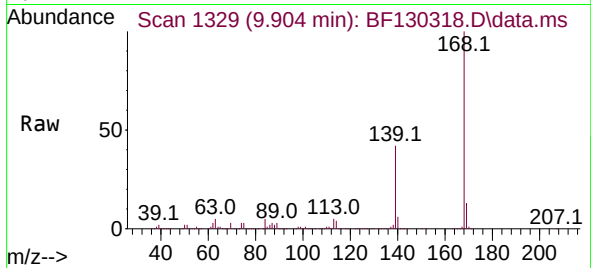
Tgt Ion:184 Resp: 157870
Ion Ratio Lower Upper
184 100
63 75.4 70.0 105.0
154 76.6 63.0 94.6





#55
Dibenzofuran
Concen: 41.977 ng
RT: 9.904 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

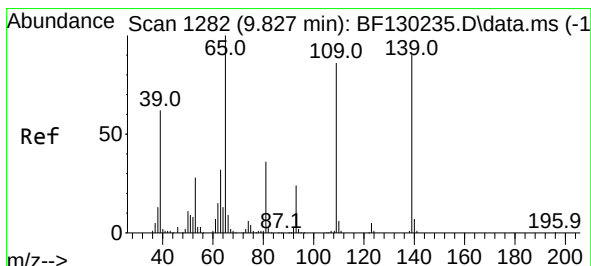
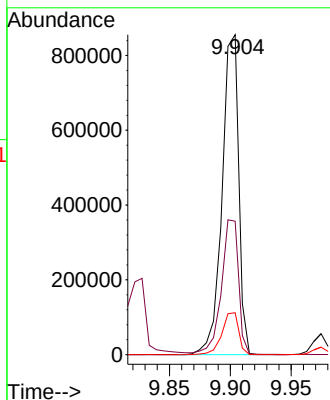
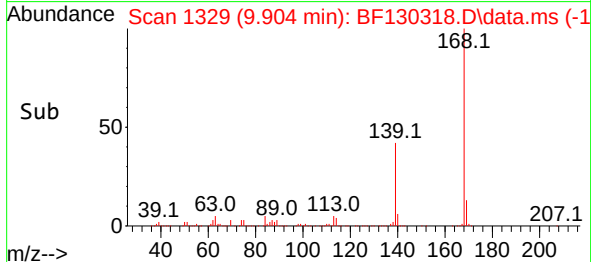
Instrument :
BNA_F
ClientSampleId :
PB147677BS



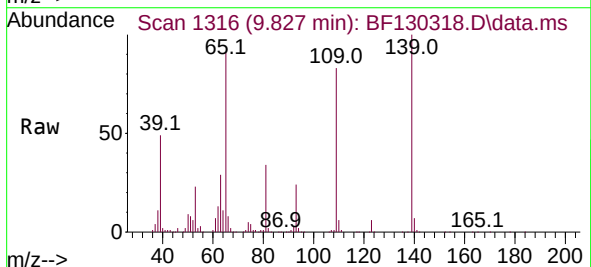
Tgt Ion:168 Resp: 810523
Ion Ratio Lower Upper
168 100
139 41.7 35.0 52.4
169 13.1 10.9 16.3

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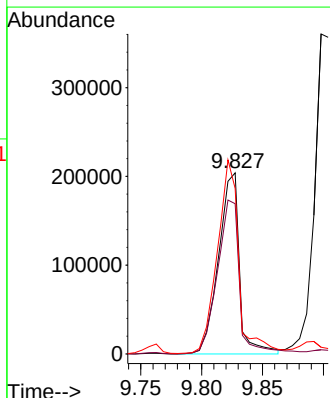
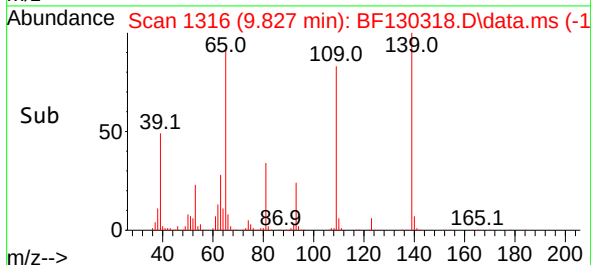
Reviewed By :Christian Giraldo 09/20/2022
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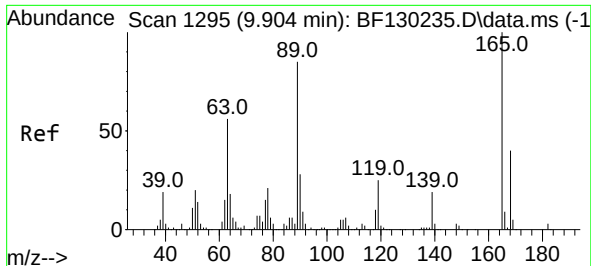


#56
4-Nitrophenol
Concen: 89.110 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:139 Resp: 243689
Ion Ratio Lower Upper
139 100
109 82.9 72.2 112.2
65 91.3 97.7 137.7#





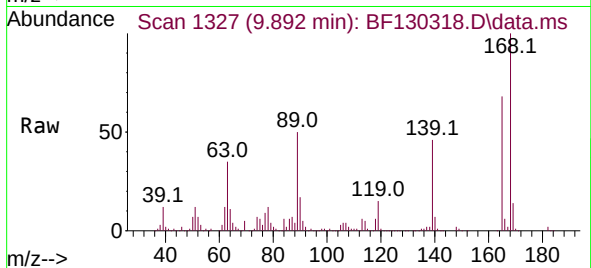
#57
2,4-Dinitrotoluene
Concen: 45.556 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

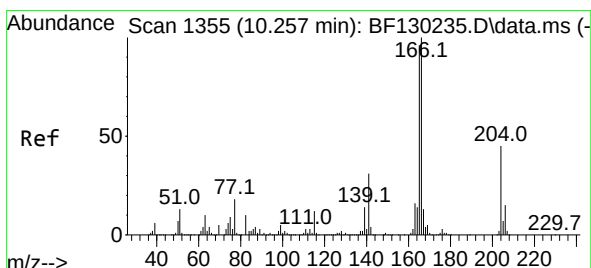
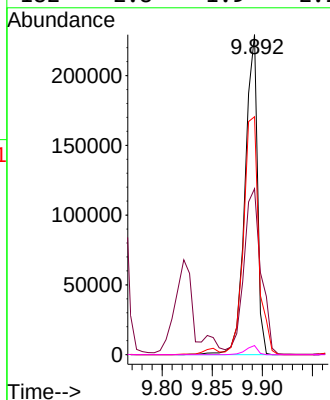
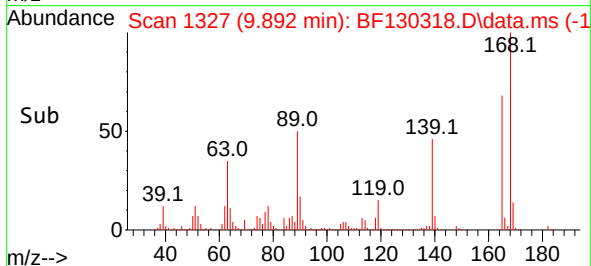


Tgt Ion:165 Resp: 196182
Ion Ratio Lower Upper
165 100
63 51.8 44.7 67.1
89 74.3 69.0 103.4
182 2.8 1.9 2.9

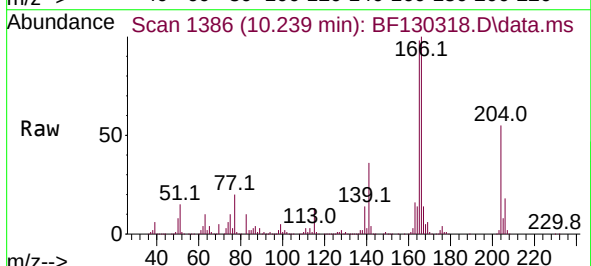
Manual Integrations

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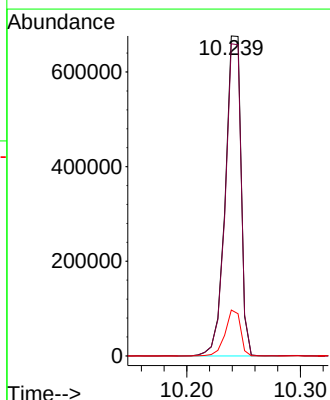
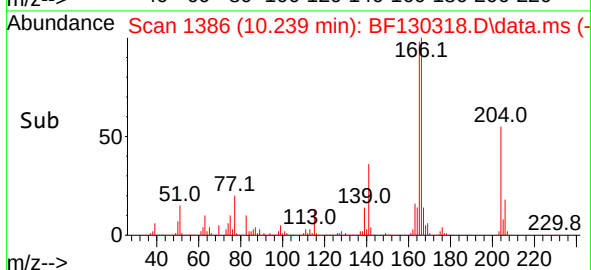
Reviewed By :Christian Giraldo 09/20/2022
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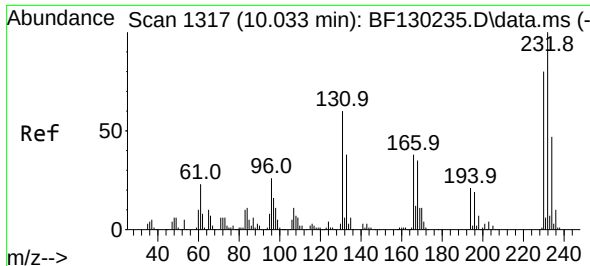


#58
Fluorene
Concen: 41.264 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:166 Resp: 651606
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 14.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.424 ng
RT: 10.016 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

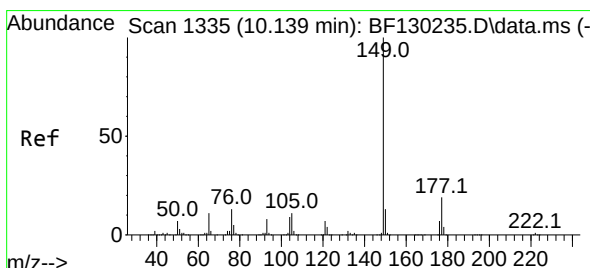
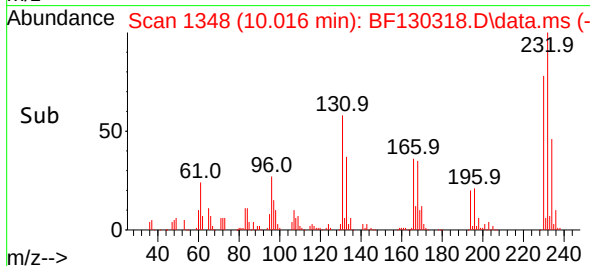
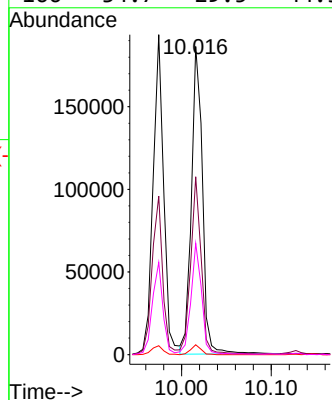
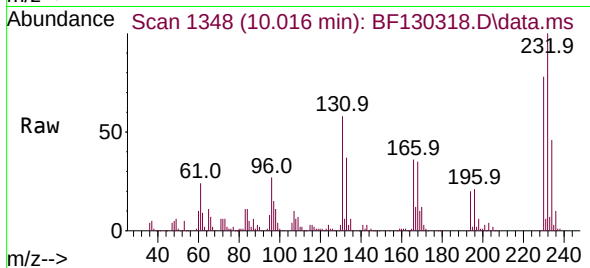
PB147677BS

Tgt Ion:232 Resp: 159184
Ion Ratio Lower Upper
232 100
131 55.2 46.4 69.6
130 2.9 2.3 3.5
166 34.7 29.5 44.3

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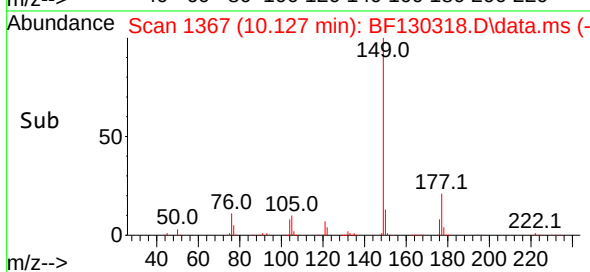
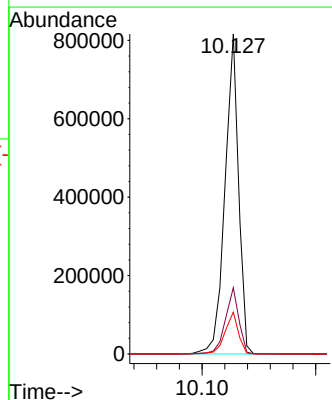
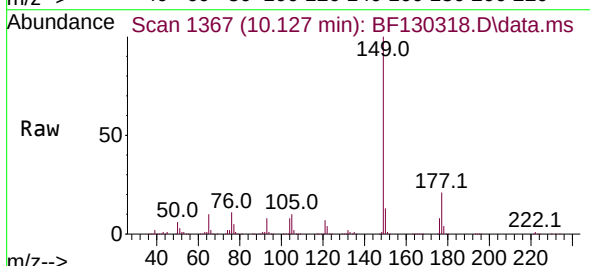
APPROVED

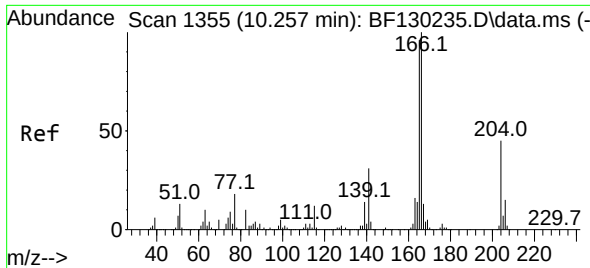
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#60
Diethylphthalate
Concen: 41.746 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

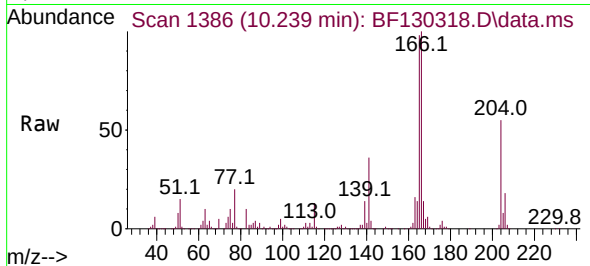
Tgt Ion:149 Resp: 674489
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.829 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

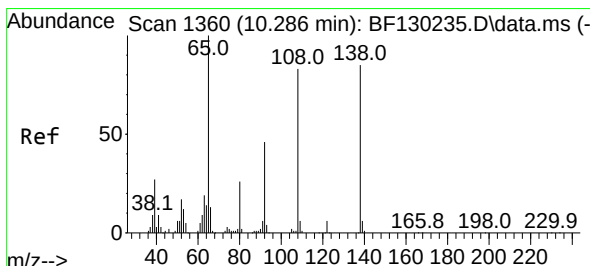
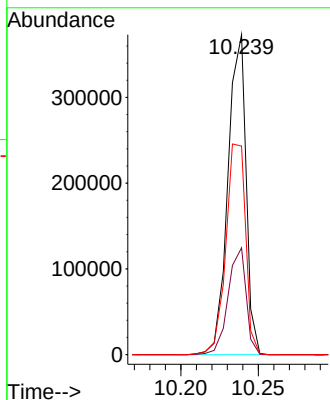
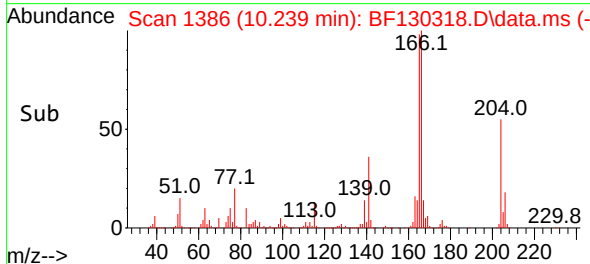
Instrument :
BNA_F
ClientSampleId :
PB147677BS



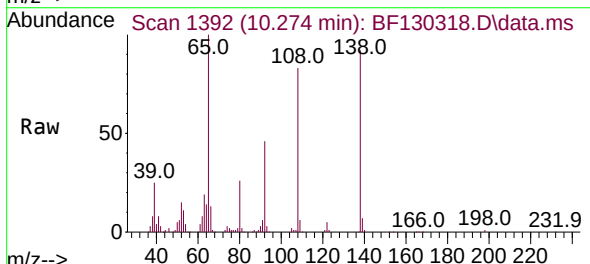
Tgt Ion:204 Resp: 30361
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 65.2 57.1 85.7

Manual Integrations
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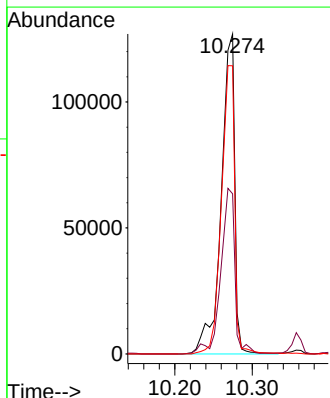
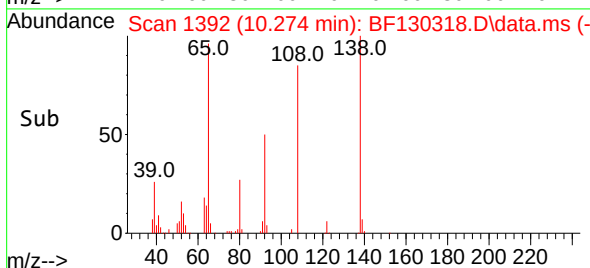
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

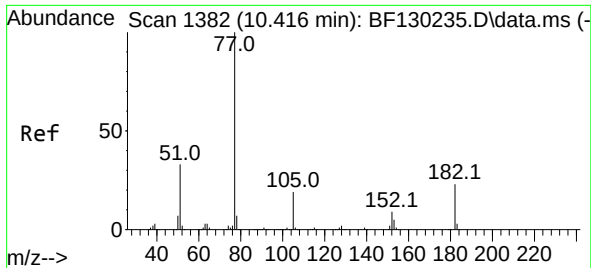


#62
4-Nitroaniline
Concen: 40.930 ng
RT: 10.274 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



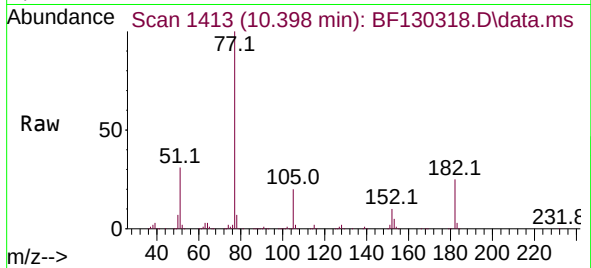
Tgt Ion:138 Resp: 154381
Ion Ratio Lower Upper
138 100
92 50.0 36.7 76.7
108 90.0 78.2 118.2





#63
Azobenzene
Concen: 39.220 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

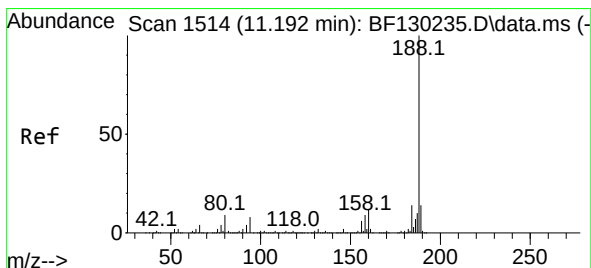
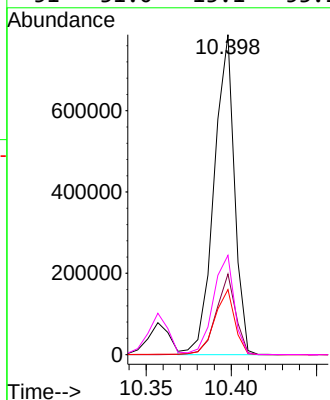
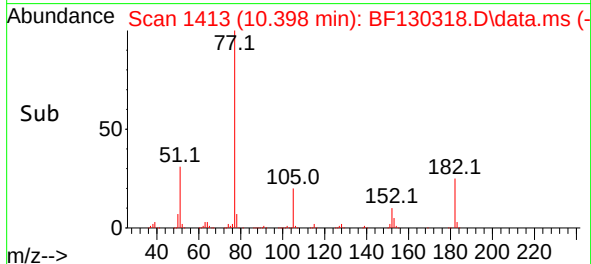
Instrument :
BNA_F
ClientSampleId :
PB147677BS



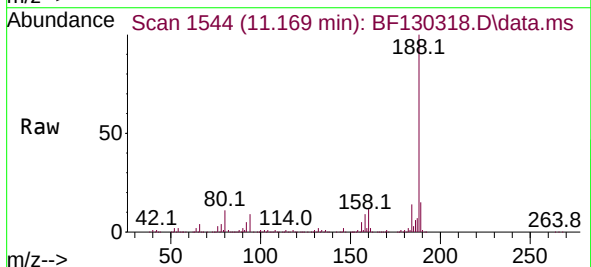
Tgt Ion: 77 Resp: 652498
Ion Ratio Lower Upper
77 100
182 25.2 2.1 42.1
105 20.3 0.0 39.4
51 31.0 13.1 53.1

Manual Integrations
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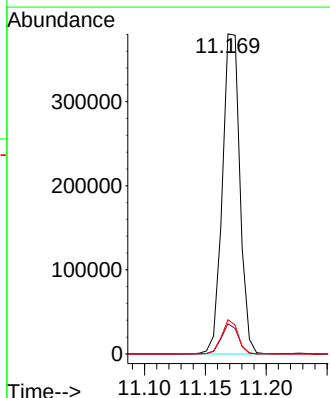
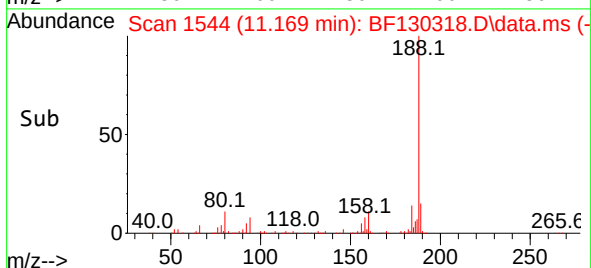
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

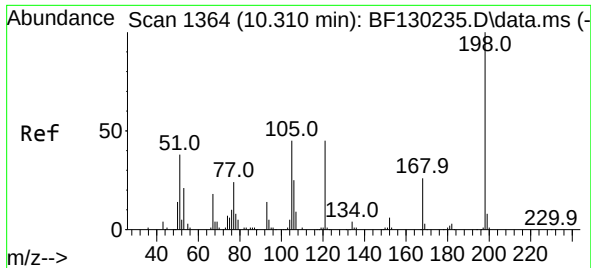


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:188 Resp: 381193
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.7 7.9 11.9





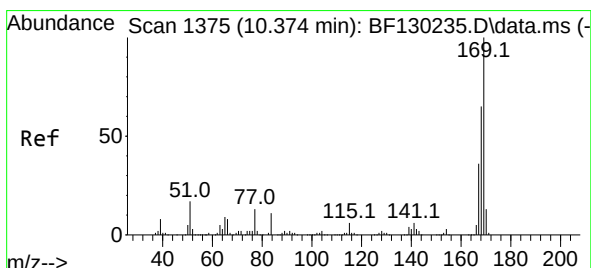
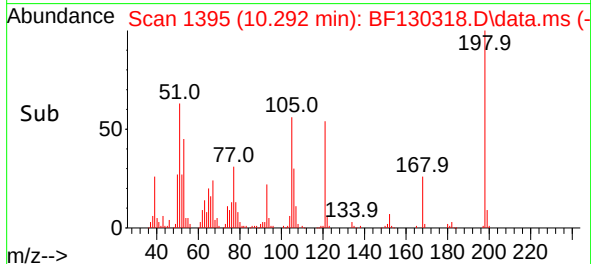
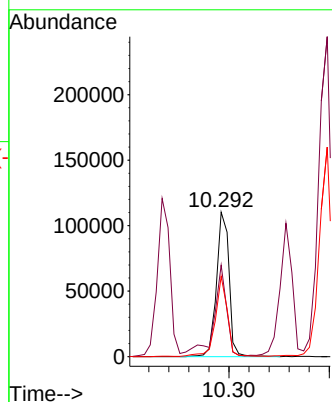
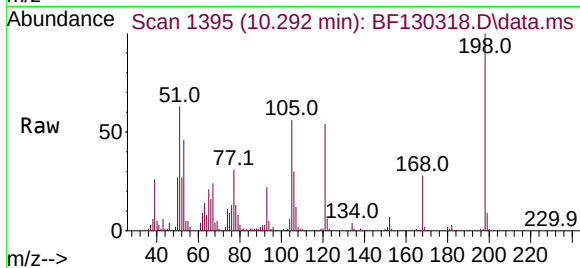
#65
4,6-Dinitro-2-methylphenol
Concen: 45.205 ng
RT: 10.292 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :
BNA_F
ClientSampleId :
PB147677BS

Tgt Ion:198 Resp: 95924
Ion Ratio Lower Upper
198 100
51 63.3 36.9 76.9
105 55.6 33.0 73.0

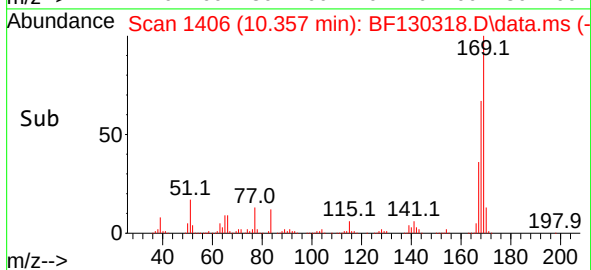
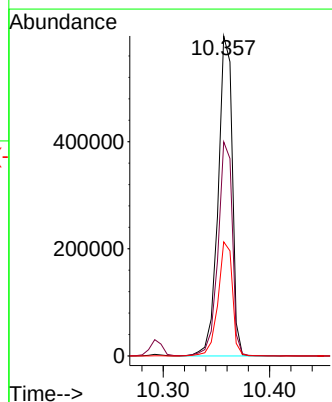
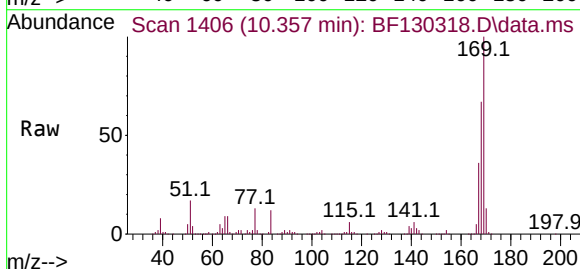
Manual Integrations
APPROVED

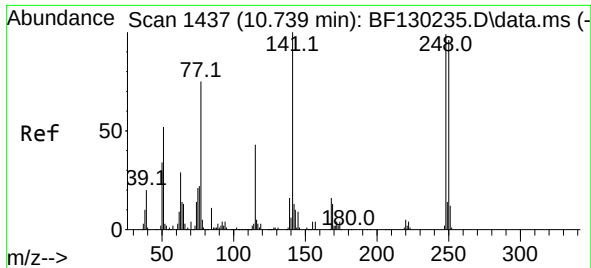
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#66
n-Nitrosodiphenylamine
Concen: 43.448 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

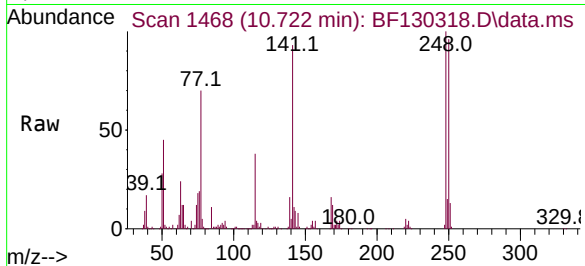
Tgt Ion:169 Resp: 553447
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.361 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

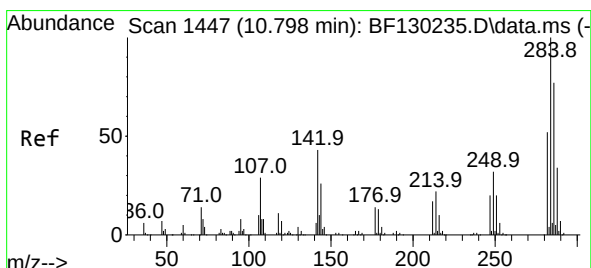
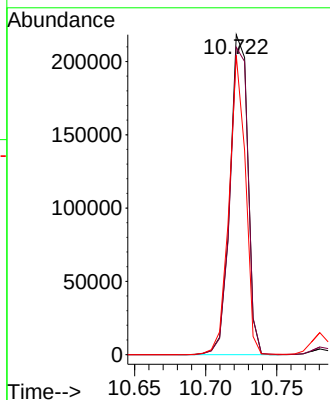
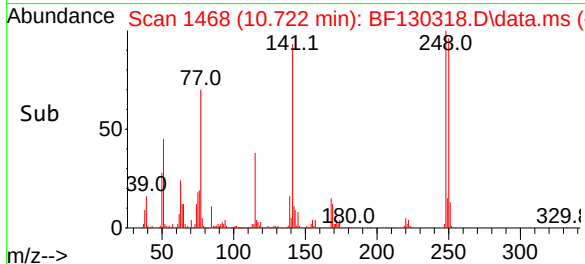
Instrument :
BNA_F
ClientSampleId :
PB147677BS



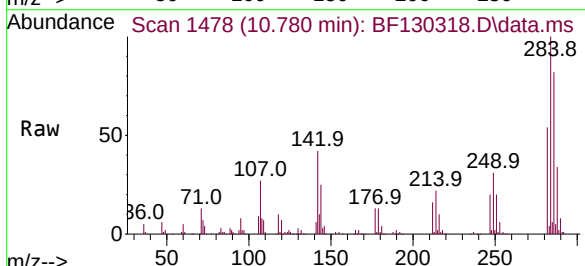
Tgt Ion:248 Resp: 190750
Ion Ratio Lower Upper
248 100
250 96.0 80.0 120.0
141 93.5 68.5 102.7

Manual Integrations
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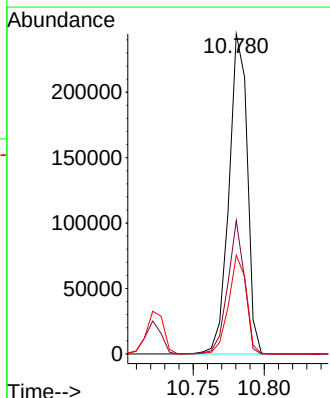
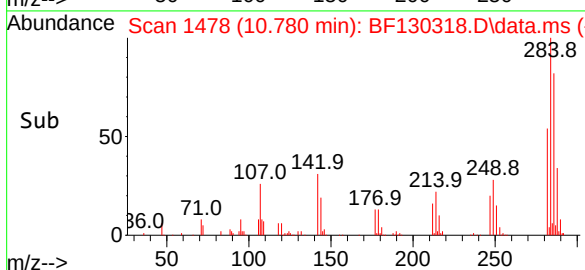
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

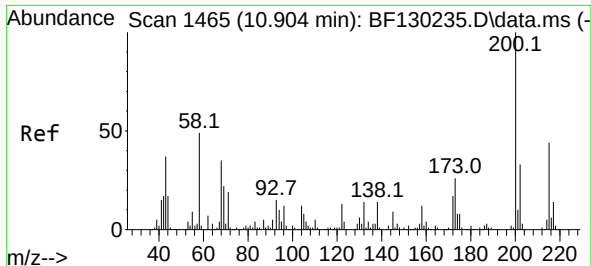


#68
Hexachlorobenzene
Concen: 45.947 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



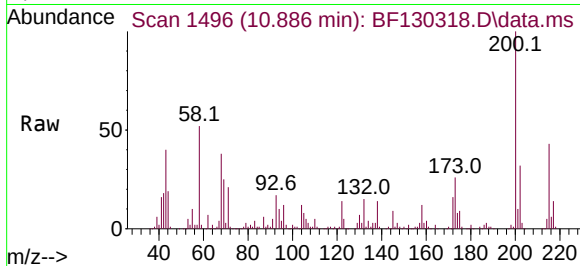
Tgt Ion:284 Resp: 219023
Ion Ratio Lower Upper
284 100
142 41.7 27.2 40.8#
249 30.9 23.8 35.8





#69
 Atrazine
 Concen: 48.566 ng
 RT: 10.886 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27

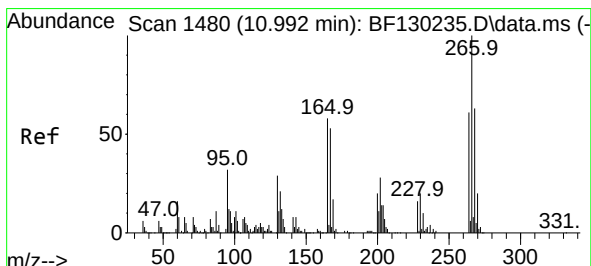
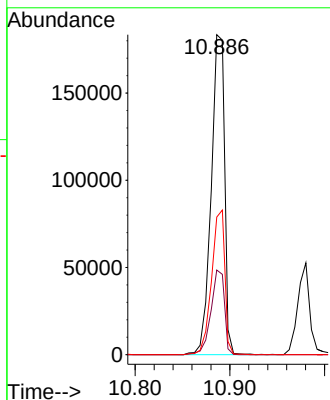
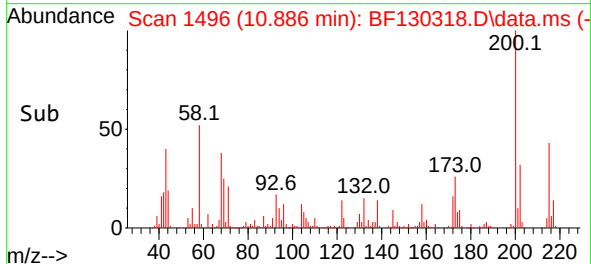
Instrument :
 BNA_F
 ClientSampleId :
 PB147677BS



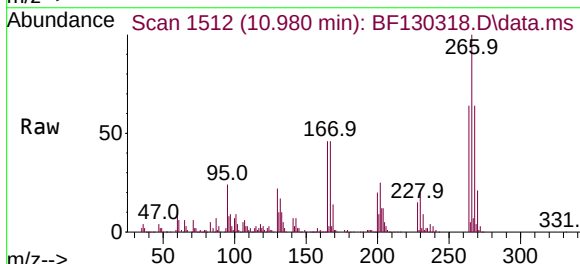
Tgt Ion:200 Resp: 180791
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.2 46.2
 215 43.0 22.5 62.5

Manual Integrations
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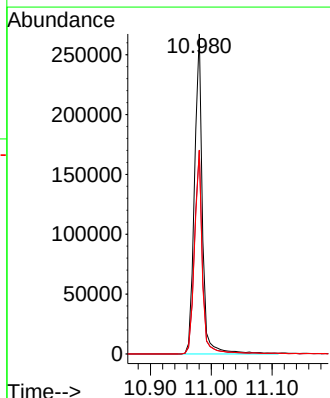
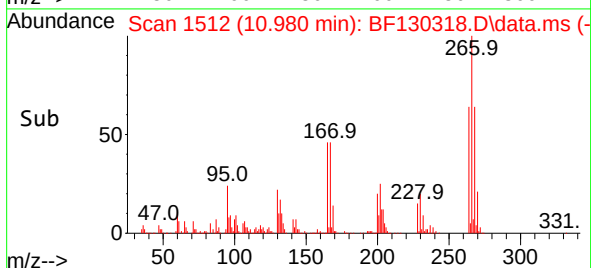
Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022

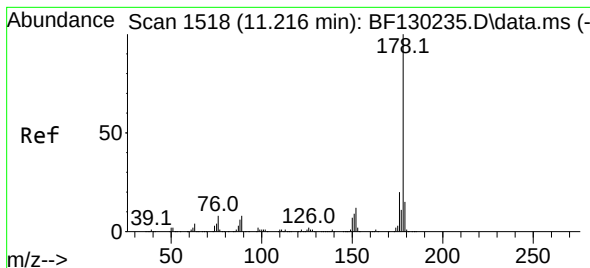


#70
 Pentachlorophenol
 Concen: 94.898 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. 0.006 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27



Tgt Ion:266 Resp: 242779
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.5 75.7
 264 63.7 50.5 75.7





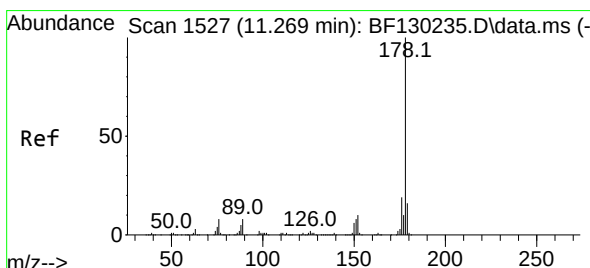
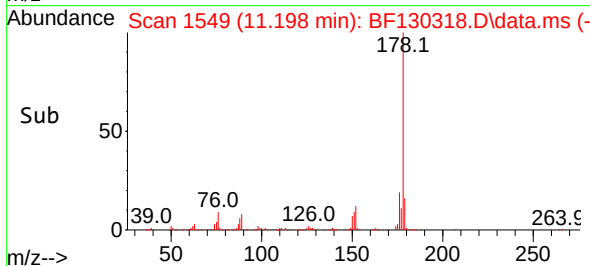
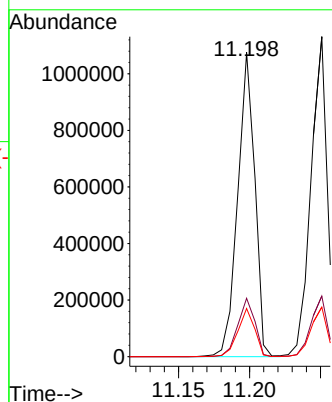
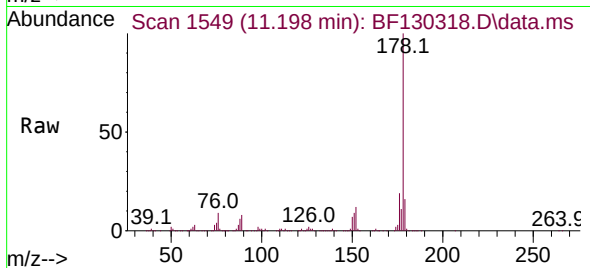
#71
Phenanthrene
Concen: 41.977 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :
BNA_F
ClientSampleId :
PB147677BS

Tgt Ion:178 Resp: 898374
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.4 18.6

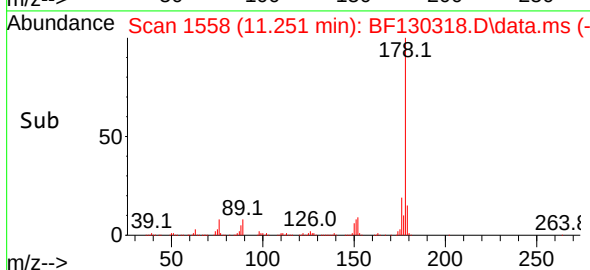
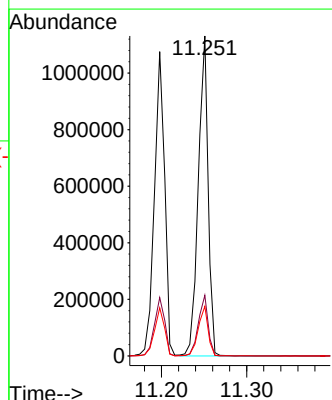
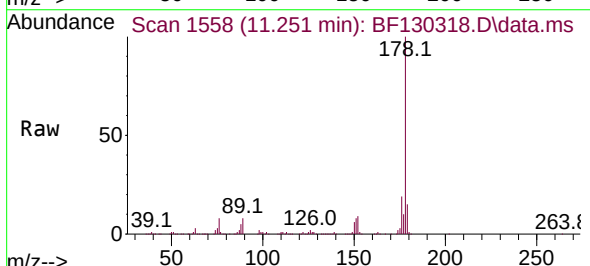
Manual Integrations
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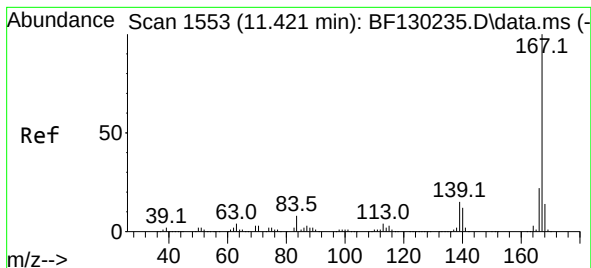
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#72
Anthracene
Concen: 43.935 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Tgt Ion:178 Resp: 907396
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.7 19.1





#73

Carbazole

Concen: 43.845 ng

RT: 11.410 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:167 Resp: 817243

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

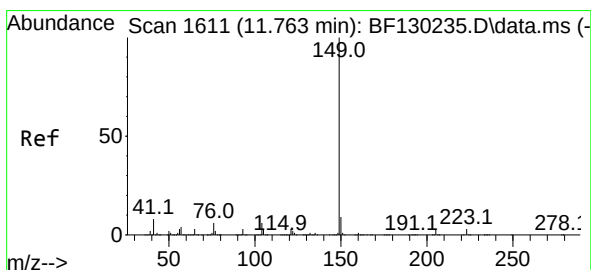
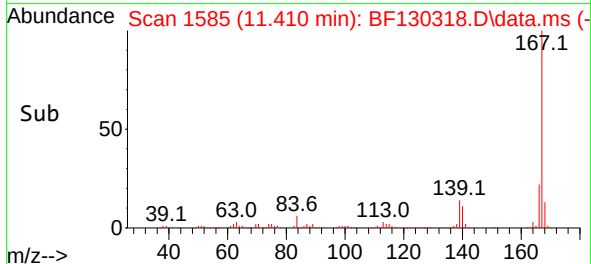
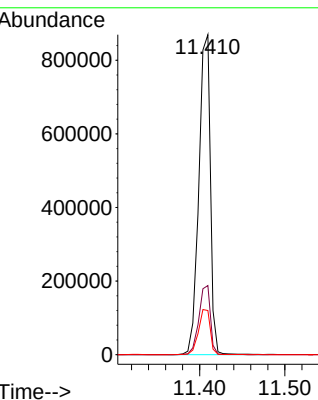
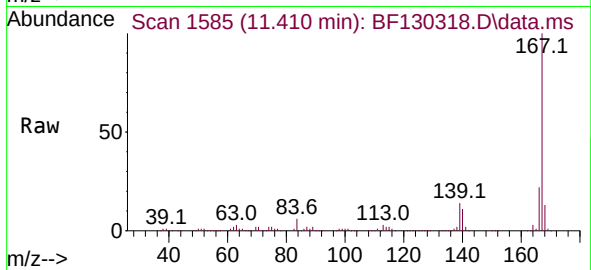
139 13.8 11.6 17.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#74

Di-n-butylphthalate

Concen: 45.198 ng

RT: 11.745 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

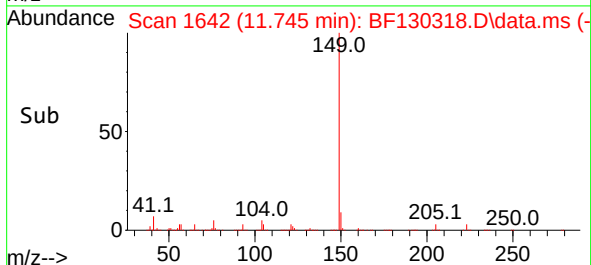
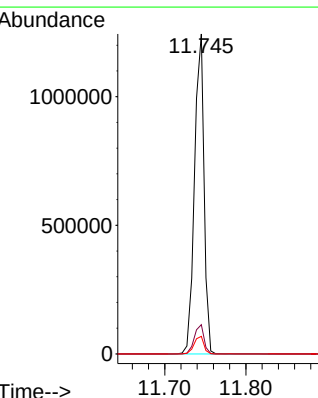
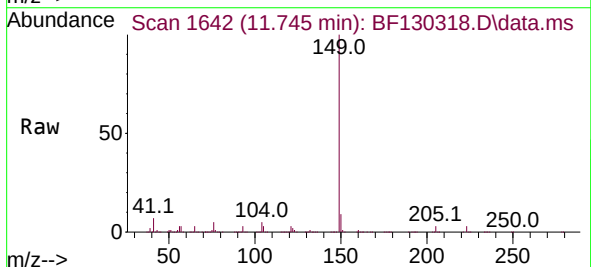
Tgt Ion:149 Resp: 1015895

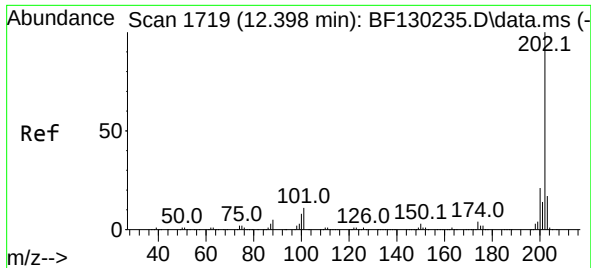
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

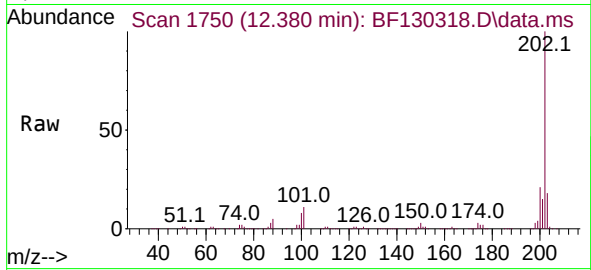
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 42.912 ng
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

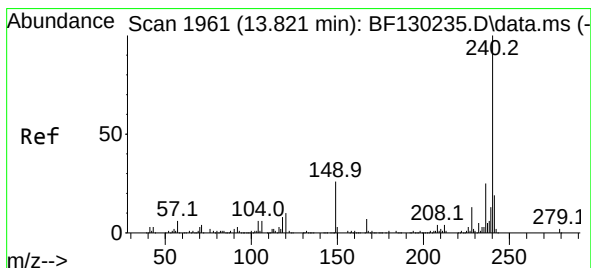
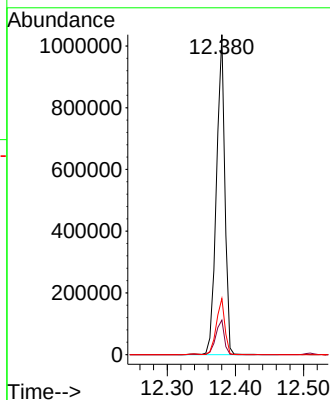
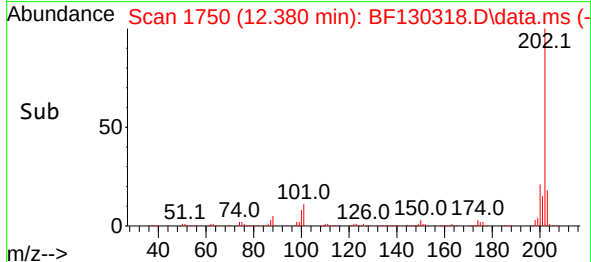
Instrument :
BNA_F
ClientSampleId :
PB147677BS



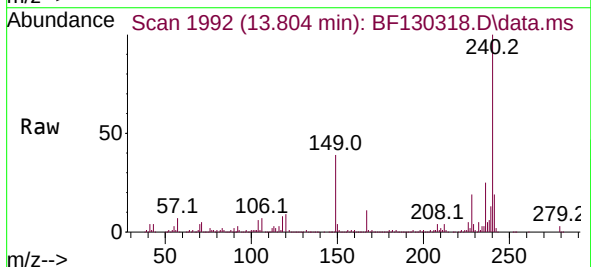
Tgt Ion:202 Resp: 887446
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.8
203 17.5 0.0 37.8

Manual Integrations
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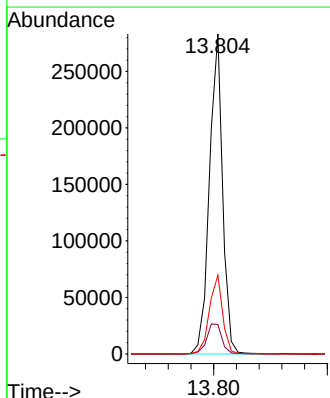
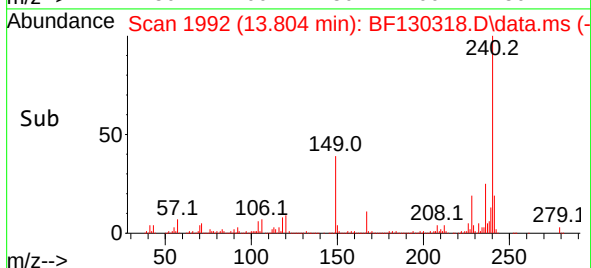
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

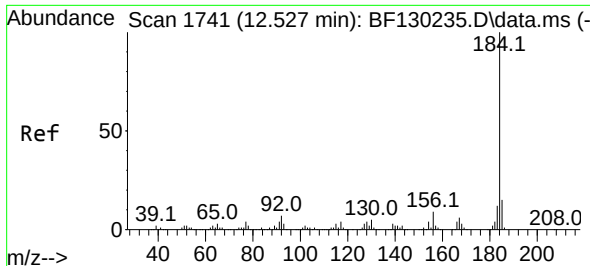


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



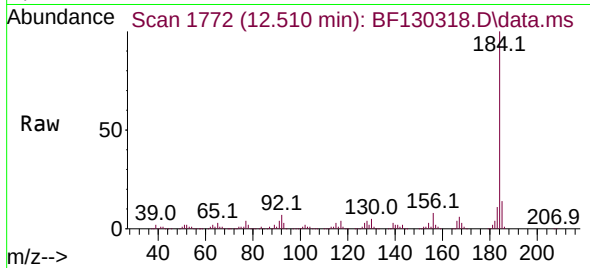
Tgt Ion:240 Resp: 227924
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 24.6 20.9 31.3





#77
Benzidine
Concen: 71.149 ng
RT: 12.510 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

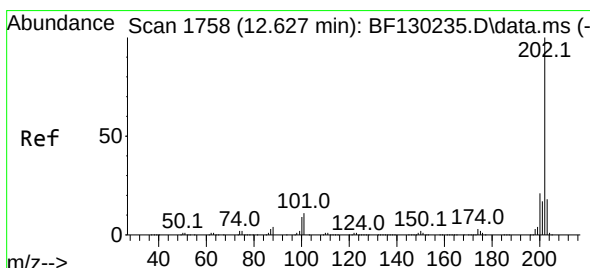
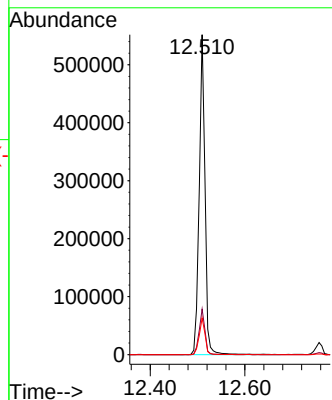
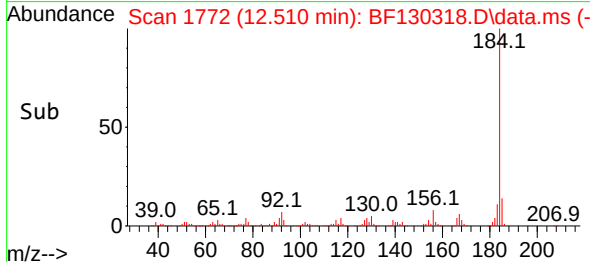
Instrument :
BNA_F
ClientSampleId :
PB147677BS



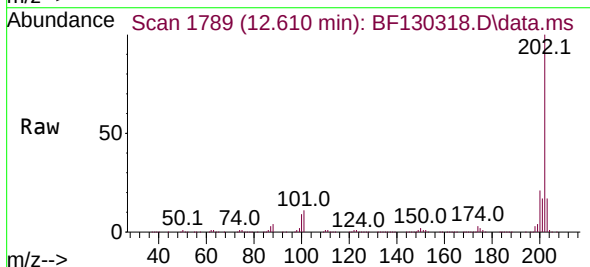
Tgt Ion:184 Resp: 470751
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.4 9.1 13.7

Manual Integrations
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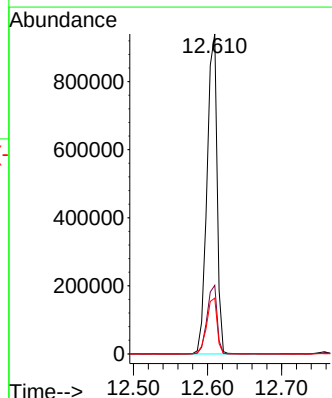
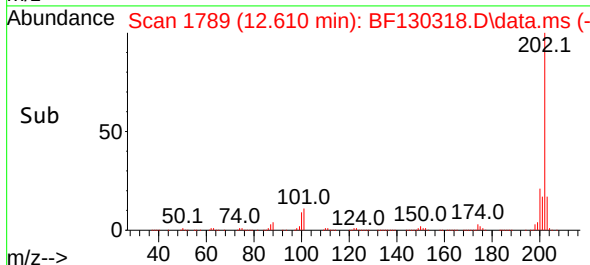
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

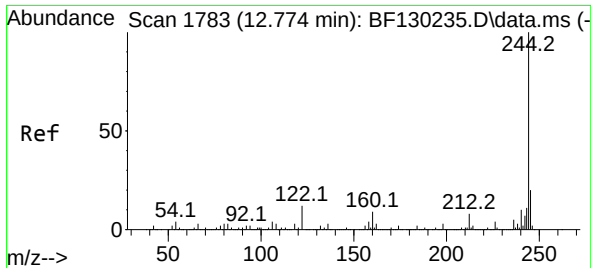


#78
Pyrene
Concen: 44.154 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:202 Resp: 880390
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.4 14.3 21.5





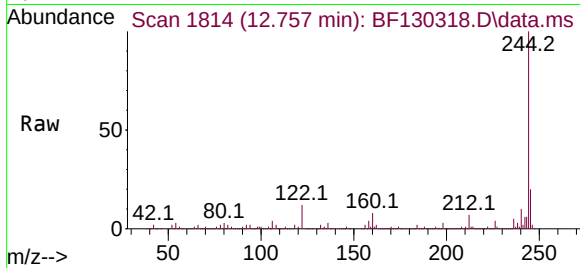
#79
 Terphenyl-d14
 Concen: 95.642 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

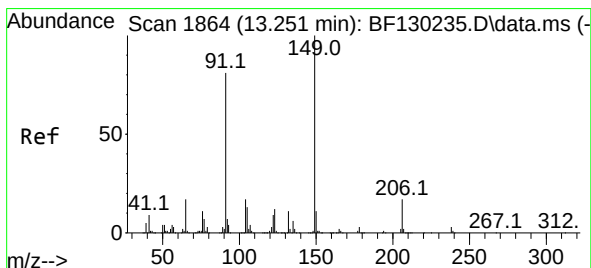
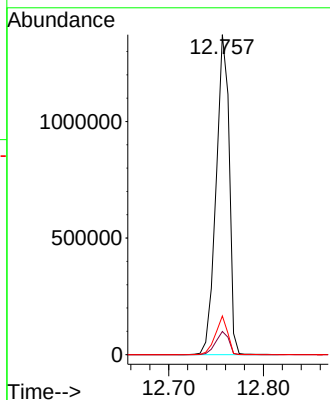
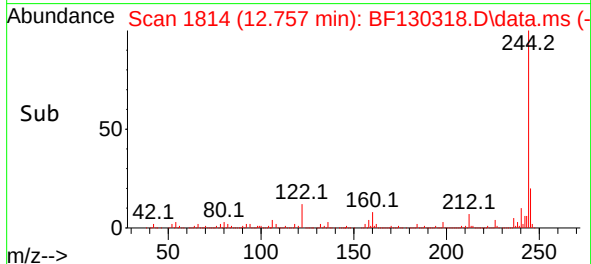


Tgt Ion:244 Resp: 1315976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 8.5 12.7

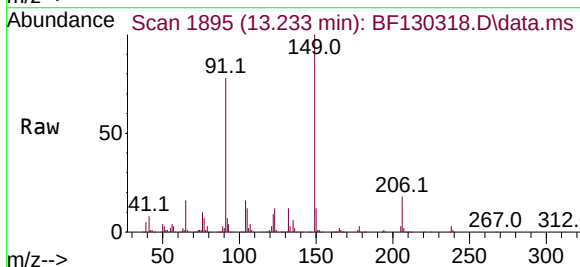
Manual Integrations

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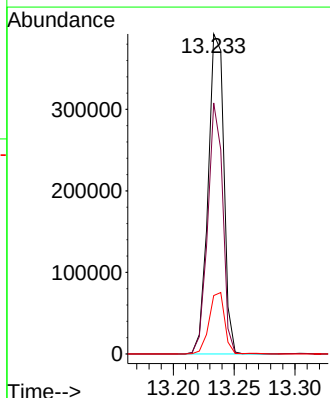
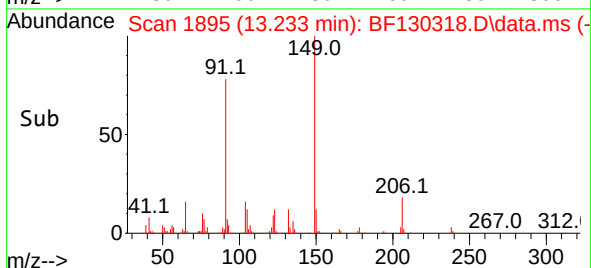
Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022

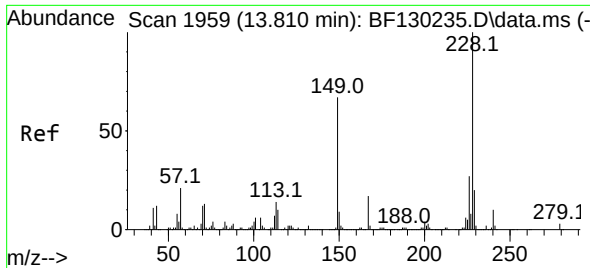


#80
 Butylbenzylphthalate
 Concen: 47.906 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF130318.D
 Acq: 19 Sep 2022 13:27



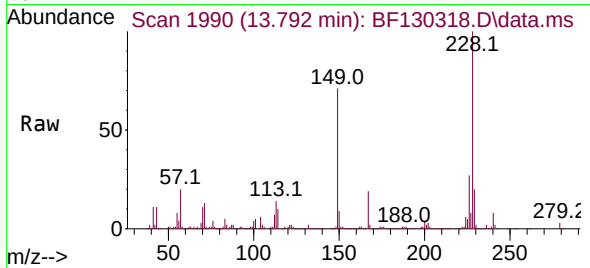
Tgt Ion:149 Resp: 353862
 Ion Ratio Lower Upper
 149 100
 91 78.5 59.8 89.8
 206 18.2 13.9 20.9





#81
Benzo(a)anthracene
Concen: 42.867 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

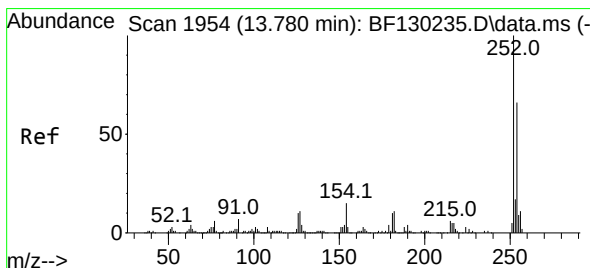
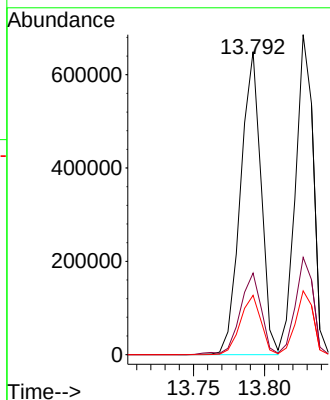
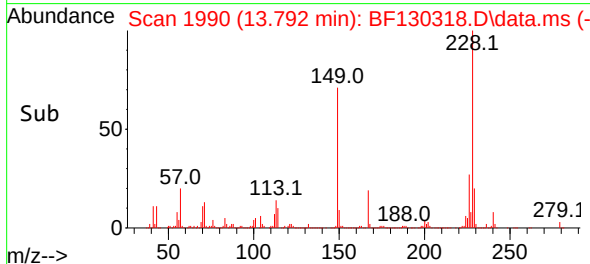
Instrument :
BNA_F
ClientSampleId :
PB147677BS



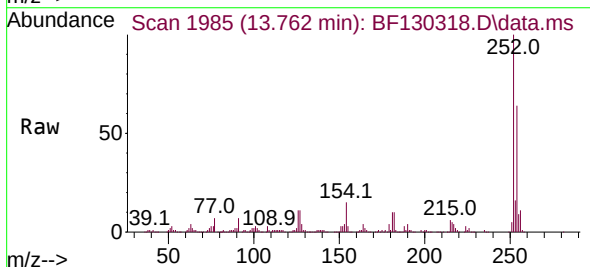
Tgt Ion:228 Resp: 649979
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.6 16.1 24.1

Manual Integrations
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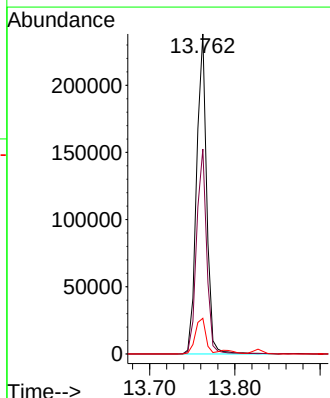
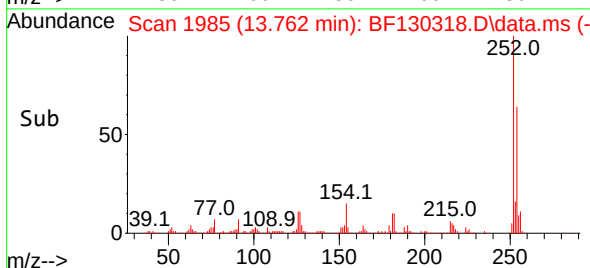
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

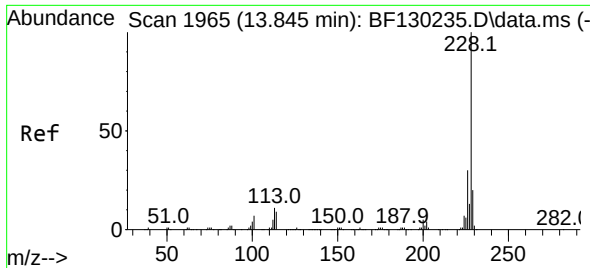


#82
3,3'-Dichlorobenzidine
Concen: 47.341 ng
RT: 13.762 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



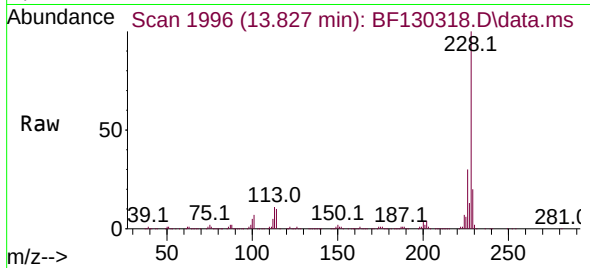
Tgt Ion:252 Resp: 195395
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 11.1 10.4 15.6





#83
Chrysene
Concen: 41.585 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

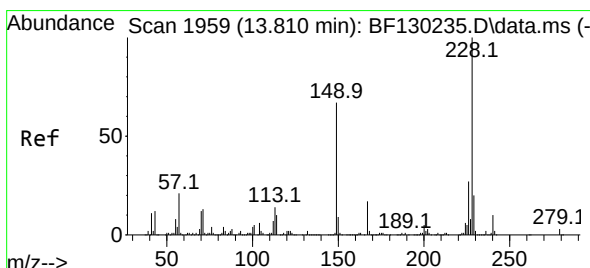
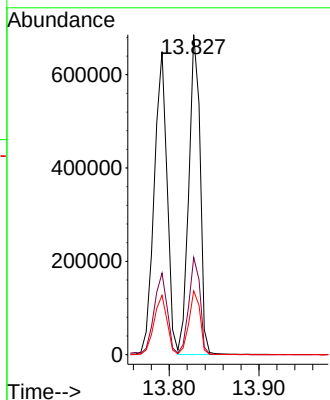
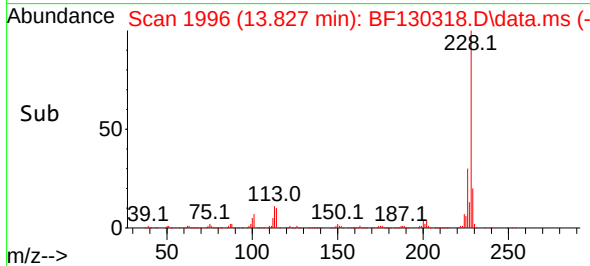
Instrument :
BNA_F
ClientSampleId :
PB147677BS



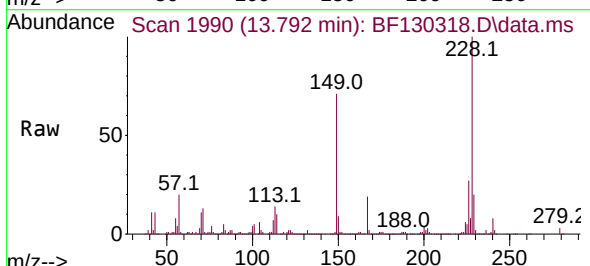
Tgt Ion:228 Resp: 598696
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.9 15.3 22.9

Manual Integrations
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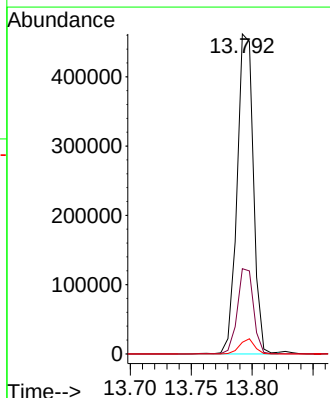
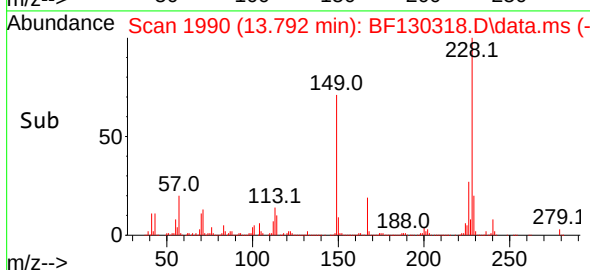
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

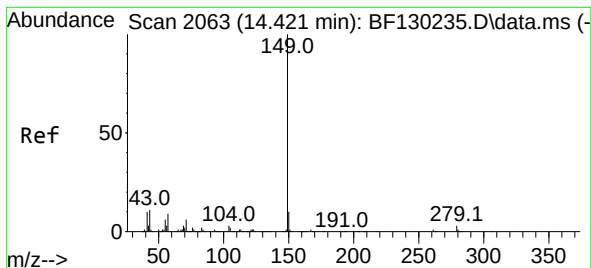


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.927 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:149 Resp: 430882
Ion Ratio Lower Upper
149 100
167 26.6 20.5 30.7
279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.027 ng

RT: 14.404 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

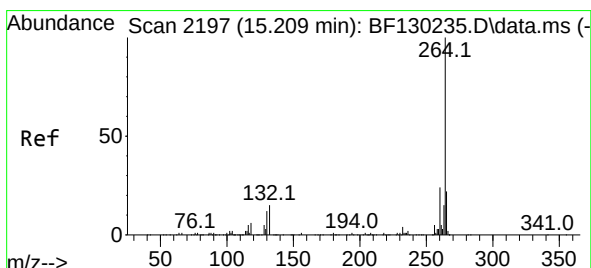
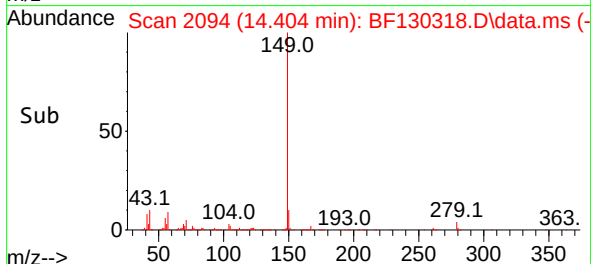
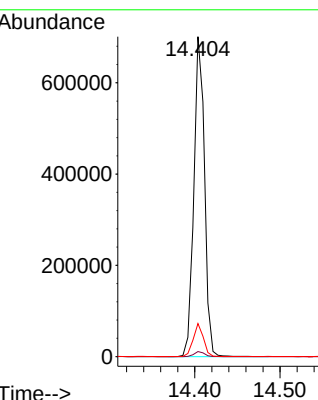
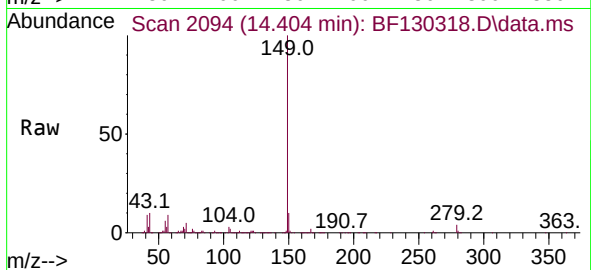
Tgt Ion:149 Resp: 608572
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.7 13.1

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

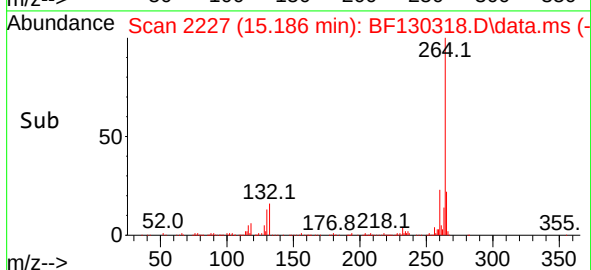
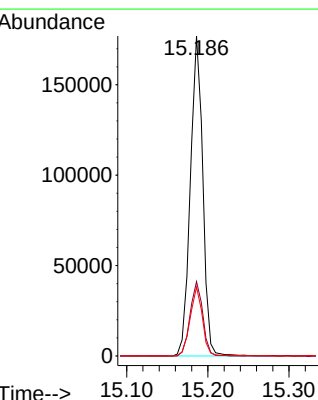
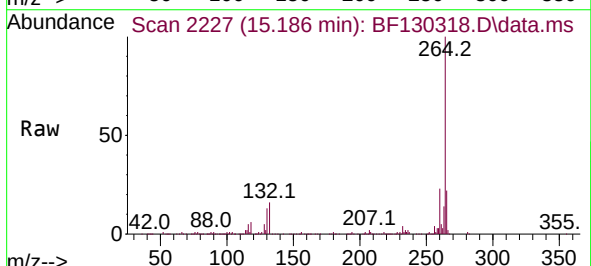
RT: 15.186 min Scan# 2227

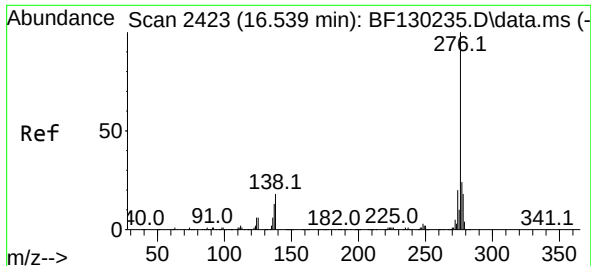
Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Tgt Ion:264 Resp: 188126
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.5 17.0 25.4





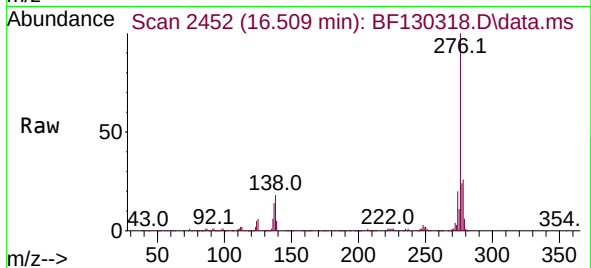
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.953 ng
RT: 16.509 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

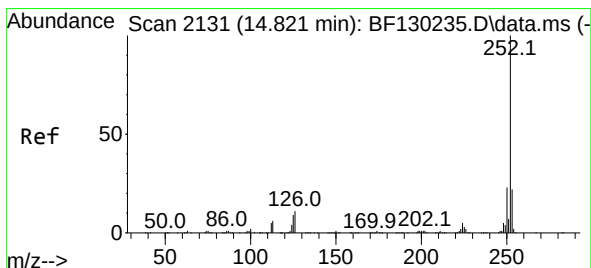
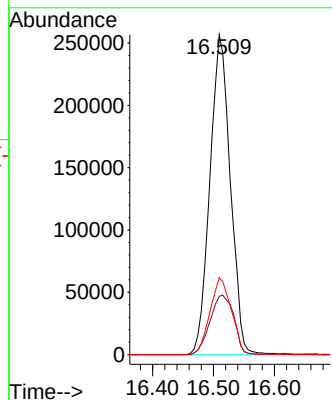
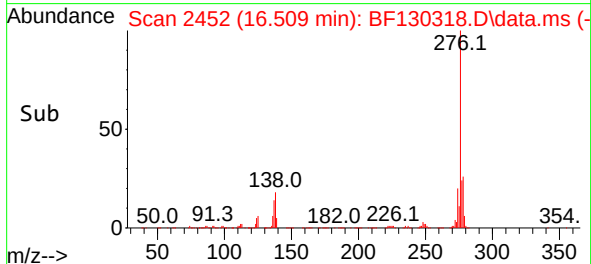


Tgt Ion:276 Resp: 599703
Ion Ratio Lower Upper
276 100
138 21.7 18.5 27.7
277 25.2 20.2 30.4

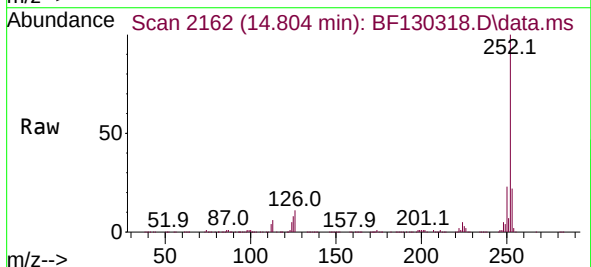
Manual Integrations

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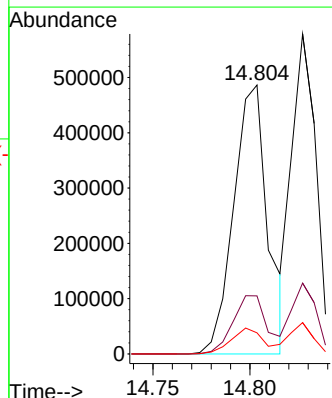
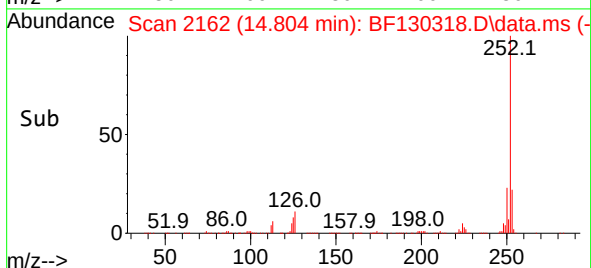
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

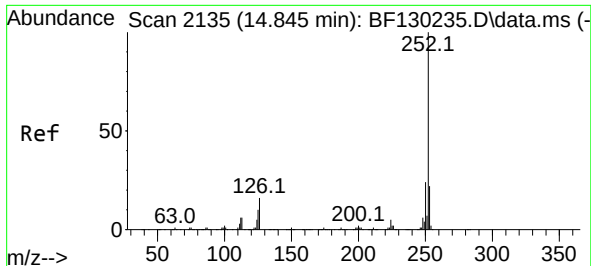


#88
Benzo(b)fluoranthene
Concen: 48.285 ng m
RT: 14.804 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BF130318.D
Acq: 19 Sep 2022 13:27



Tgt Ion:252 Resp: 592882
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.8 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 42.301 ng

RT: 14.827 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:252 Resp: 510938

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

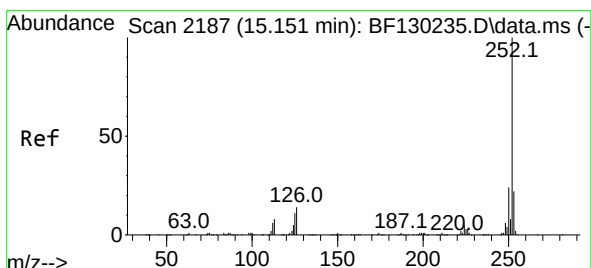
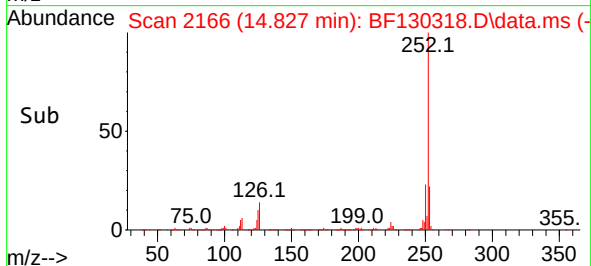
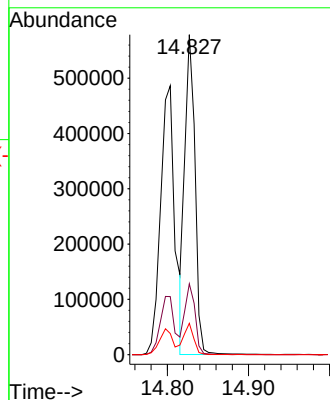
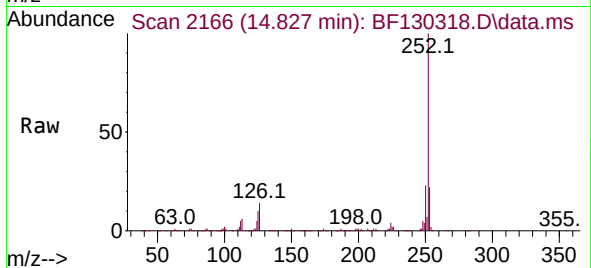
125 9.8 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#90

Benzo(a)pyrene

Concen: 49.654 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

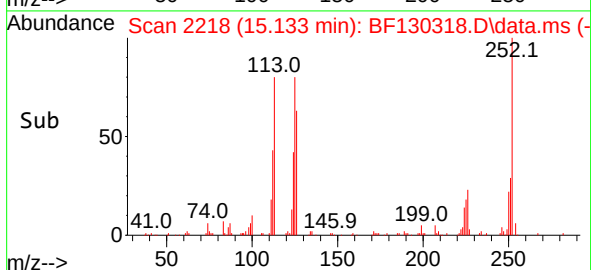
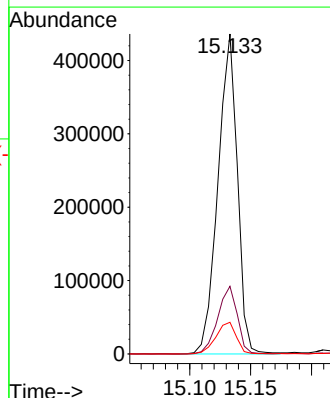
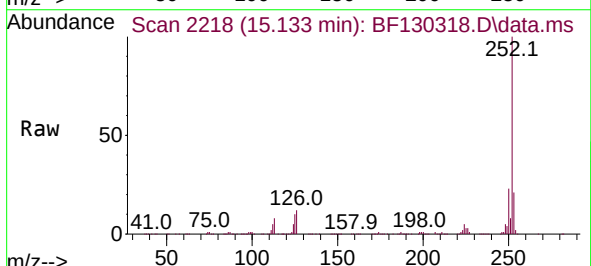
Tgt Ion:252 Resp: 483028

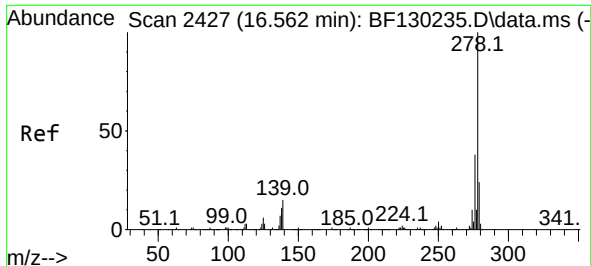
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

125 9.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.422 ng

RT: 16.533 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Instrument :

BNA_F

ClientSampleId :

PB147677BS

Tgt Ion:278 Resp: 518996

Ion Ratio Lower Upper

278 100

139 13.9 11.8 17.8

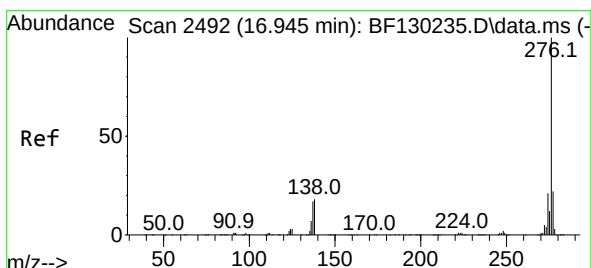
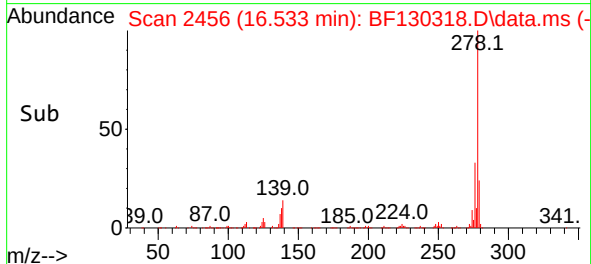
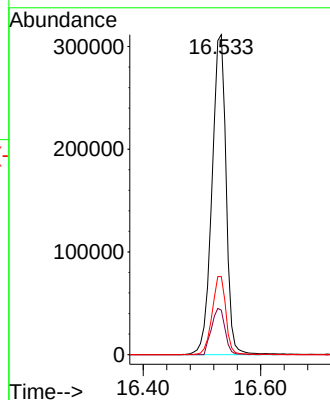
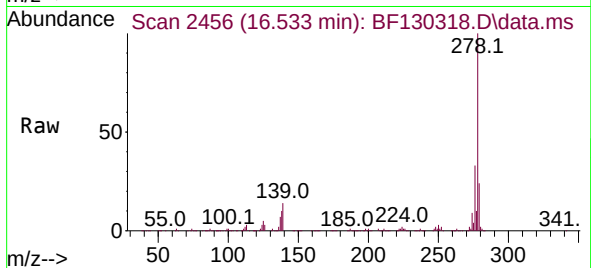
279 24.4 19.4 29.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#92

Benzo(g,h,i)perylene

Concen: 46.648 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF130318.D

Acq: 19 Sep 2022 13:27

Tgt Ion:276 Resp: 514273

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 17.5 14.6 21.8

